

Refine Search

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Terms	Documents
L27 and TOOLTIP	2

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DATE: Wednesday, August 16, 2006 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=NO; OP=OR</i>			
<u>L29</u>	L27 and TOOLTIP	2	<u>L29</u>
<u>L28</u>	L27 and ((help or assist) ADJ window)	16	<u>L28</u>
<u>L27</u>	717/112,100,143.CCLS. OR 715/717,705.CCLS.	733	<u>L27</u>
<i>DB=USOC; PLUR=NO; OP=OR</i>			
<u>L26</u>	717/112,100,143.CCLS. OR 715/717,705.CCLS.	0	<u>L26</u>
<i>DB=PGPB; PLUR=NO; OP=OR</i>			
<u>L25</u>	L24 and @pd > 20060816	0	<u>L25</u>
<u>L24</u>	L22 and ((help or assist) ADJ window)	2	<u>L24</u>
<u>L23</u>	L22 and linguistic	1	<u>L23</u>
<u>L22</u>	L21 AND cursor	16	<u>L22</u>
<u>L21</u>	L20 AND token	76	<u>L21</u>
<u>L20</u>	(717/112 717/113 717/143).ccls. or (707/203).ccls. or (715/512 715/708 715/711).ccls.	806	<u>L20</u>

DB=USPT; PLUR=NO; OP=OR

<u>L19</u>	L17 and ((help or assist) ADJ window)	4	<u>L19</u>
<u>L18</u>	L17 and linguistic	1	<u>L18</u>
<u>L17</u>	L16 ANd cursor	56	<u>L17</u>
<u>L16</u>	L15 AND token	249	<u>L16</u>
<u>L15</u>	(717/112 717/113 717/143).ccls. or (707/203).ccls. or (715/512 715/708 715/711).ccls.	2025	<u>L15</u>
<u>L14</u>	L13 and cursor	33	<u>L14</u>
<u>L13</u>	L12 and token	78	<u>L13</u>
<u>L12</u>	L11 AND editor	309	<u>L12</u>
<u>L11</u>	linguistic	2698	<u>L11</u>
<u>L10</u>	L9 and @pd > 20050907	2	<u>L10</u>
<u>L9</u>	L8 AND automatic	37	<u>L9</u>
<u>L8</u>	L7 ANd object	56	<u>L8</u>
<u>L7</u>	L6 ANd cursor	76	<u>L7</u>
<u>L6</u>	L5 ANd (software OR code)	452	<u>L6</u>
<u>L5</u>	(Passive ADJ assist) OR (code ADJ complete) OR (code-complete) OR (autocomplete) OR (auto-complete) OR (auto ADJ complete)	458	<u>L5</u>
<u>L4</u>	L2 and driven	0	<u>L4</u>
<u>L3</u>	L2 and linguistic	0	<u>L3</u>
<u>L2</u>	5857212.pn. or 5140521.pn.	2	<u>L2</u>
<u>L1</u>	5857212.pn or 5140521.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

DIALOG(R) File 9:Business & Industry(R)
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2163294 Supplier Number: 02163294 (THIS IS THE FULLTEXT)

Microsoft Readies VB 6.0

(Microsoft will unveil Visual Basic 6.0, which promises improved database access and increased ability to develop Web-centric applications)

InternetWeek, p 7

June 15, 1998

DOCUMENT TYPE: Journal; News Brief ISSN: 0746-8121 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 58

TEXT:

Microsoft this week will unveil Visual Basic 6.0, a new version of its popular rapid application development tool with improved database access and increased ability to build Web-centric applications. The tool for the first time provides integrated support for any ODBC or OLE-DB database, and is optimized with support for Oracle and Microsoft SQL databases.

June 15, 1998

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COMPANY NAMES: MICROSOFT CORP

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

DIALOG(R)File 16:Gale Group PROMT(R)
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07060237 Supplier Number: 59450766 (THIS IS THE FULLTEXT)
VB 6.0: A Focus on Data Access and the Internet. (Product Announcement)
GILLEN, AL
ENT, v3, n11, p3
June 24, 1998
ISSN: 1085-2395
Language: English Record Type: Fulltext Abstract
Article Type: Product Announcement
Document Type: Magazine/Journal; Professional
Word Count: 524

ABSTRACT:

Microsoft Visual Basic 6.0 includes improved data access and new Internet capabilities. New features include the ActiveX Data Objects programming interface and OLE DB drivers that provide access to Site Server and Index Server.

TEXT:

NEW ORLEANS -- Falling into sync with other Visual Studio 6.0 launches, the latest release of Visual Basic was announced last week. The enhancements offered in Visual Basic 6.0 land in one of two general categories: improved data access and new Internet-aware capabilities.

In older versions of Visual Basic, data access -- particularly access to data stored on non-desktop systems -- was often difficult or performed poorly, forcing developers into using a combination of ODBC and third-party solutions to reach some remote data sources. Showing one of the first thorough implementations of OLE DB, Visual Basic can now access enterprise data located on AS/400s, Oracle databases, remote SQL Server databases or data housed within other data stores through one common interface.

Using a new programming interface called ActiveX Data Objects (ADO), users can access a variety of data sources, including the Jet database engine used to reach Access databases. Also included with all Visual Studio 6.0 development tools are OLE DB drivers that allow access to Site Server and Index Server.

"All you care about at the end of the day is ADO," maintains Lizzie Parker, Visual Studio technical product manager. ADO is claimed to be particularly useful to users who are doing data access over a slow connection. "This is why ADO was created -- to regulate the volumes of data that were sent across a wire," explains Christopher Flores, Visual Basic product manager. He adds, "ADO makes it harder to get in trouble when you have a slower link."

Making database access even easier is a new visual forms designer built into the Visual Basic development environment. The database tool also allows developers to connect with and explore databases before finalizing a query. It also allows developers to create, edit and debug SQL statements and stored procedures.

ADO access to other data sources will be provided by OLE DB engines developed by third-party vendors, which are expected to debut en masse during the next few month's. One of the first such products, MetaStar, a data provider for data sources located on the Internet, was announced earlier this month by Blue Angel Technologies Inc. (Valley Forge, Pa., www.bluelangel.com).

The second major initiative for Visual Basic 6.0 is new Internet-aware capabilities. The new release includes 2 different form designers. One designer is for the traditional Win32 deployment environment; the second is a brand new DHTML form designer that can produce a Web-hosted front end to a Visual Basic application. On the inbound side, Visual Basic now has the capability to build "WebClasses," which are COM components that when housed aboard a Web server, enable developers to write URL-specific responses to a browser request.

Visual Basic 6.0 is scheduled for release on September 2 during Developer Days, although a preview release may become available before that

time. When released, the product will be available in three versions, a lightweight version called the Learning Edition, a Professional Edition targeted at client/server developers not needing the data access components, and the full-blown Enterprise Edition. Visual Basic 6.0 also will be available as a member of the Visual Studio 6.0 suite.

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PUBLISHER NAME: Boucher Communications, Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372422 (DBMS Utilities); 7372513 (Application Development Software); 7372510 (Software Development Tools)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 51121 (Software Publishers)

TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)

?

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05967018 Supplier Number: 53250719 (THIS IS THE FULLTEXT)

Winner: Microsoft Visual Basic 6.0.(Product Information)

VARbusiness, p64(1)

Nov 16, 1998

ISSN: 0894-5802

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 451

TEXT:

Microsoft is on the sixth version of its RAD tool, and says that more than 50 percent of all professional developers are using the Visual Basic language tool, which received top mentions from our resellers for the "best of 1998" nominations.

Visual Basic 6.0 features integrated visual database tools and a rapid application development environment that increases productivity and native code compilation provides fast applications. The days of slow Basic programs are gone.

Programmers can use the VB 6.0 tools to visually design Oracle and Microsoft SQL Server databases and create reusable data-access queries inside the Visual Basic environment. And the product can be used to develop server-side applications that are accessible from any platform using Visual Basic 6.0 WebClasses.

Also featured is a Dynamic HTML page designer. And there are features included in the product for developing with teams of programmers, such as Visual SourceSafe 6.0 and Visual Modeler. Programmers can also use the features of SQL Server 6.5 Developer Edition, Microsoft Transaction Server, Microsoft IIS and Microsoft Message Queue Server.

VB 6.0 introduces Active X Data Objects as a new standard for data access. Included OLE DB drivers have SQL Server 6.5+, Microsoft Access, Oracle 7.3.3+, ODBC, and SNA Server.

The new Integrated Enterprise Visual Database Tools provide a complete set of tools for integrating databases with any application. Database features include design tools for creating and modifying SQL Server 6.5, Oracle 7.3.3 or above and AS/400 databases. In addition, programmers need virtually no code to bind controls to data sources. They can do so by setting only two properties in the property window to connect the control to any data source.

Price: Professional Edition, \$549

Contact: Microsoft Corp., Redmond, Wash., (425) 882-8080,
www.microsoft.com

RUNNERS UP:

Inprise Delphi 4

Borland has changed its name to Inprise Corp., but the RAD tool remains Delphi. Delphi 4 is a comprehensive set of professional and client-server development tools for building high productivity solutions for distributed computing. Delphi provides Java interoperability, high performance database drivers, CORBA development, and Microsoft BackOffice support.

Price: N/A

Contact: Inprise Corp., Scotts Valley, Calif., (831) 431-1000,
www.inprise.com

Sun Java Workshop

Java WorkShop is a powerful, visual development tool for professional Java programmers. It offers a complete, easy-to-use tool set for building JavaBeans, Java applets and applications. Java WorkShop includes everything programmers need to take advantage of the Java platform to create Internet and intranet applications, including the ability to create and reuse JavaBeans; support for the latest JDK.

Price: N/A

Contact: Sun Microsystems Inc., Mountain View, Calif., (650)
960-1300, www.sun.com

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PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)
SPECIAL FEATURES: COMPANY
?

DIALOG(R) File 16:Gale Group PROMT(R)
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05794655 Supplier Number: 50285119 (THIS IS THE FULLTEXT)
Microsoft Announces Worldwide Availability of Visual Studio 6.0 At Dev Days '98

PR Newswire, p902SFW036

Sept 2, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 1433

TEXT:

More Than 115 Companies Announce New and Updated Products Supporting Visual
1

Studio

REDMOND, Wash., Sept. 2 /PRNewswire/ -- Microsoft Corp. (Nasdaq: MSFT) today announced the immediate, worldwide availability of the Microsoft(R) Visual Studio(R) development system version 6.0, the complete suite of tools for building scalable enterprise solutions. Integration of these tools with middle-tier application services based on the Windows NT(R) operating system enables the flexibility and scalability of the Windows(R) Distributed interNet Applications (Windows DNA) architecture.

Coinciding with the launch at Developer Days '98 today, more than 115 top companies in the development tools community announced support for Visual Studio 6.0. There are also more than 1,200 commercially available component-based products on Microsoft's Component Object Model (COM), representing additional resources and support to Microsoft's development community. A full list of companies with third-party products designed to work with Visual Studio, as well as pricing and packaging information on Visual Studio, can be found at <http://msdn.microsoft.com/vstudio/>.

"Microsoft has always been committed to providing developers with the best tools and training to take advantage of the leading-edge technologies," said Paul Gross, vice president of the developer tools division at Microsoft. "Visual Studio 6.0 is another step forward in our 'digital nervous system' vision because it enables developers to build distributed solutions that can easily integrate existing systems within the corporation."

New Visual Studio 6.0

Visual Studio 6.0 includes new versions of the award-winning Microsoft Visual Tools, enabling developers to build component-based solutions. The Visual Studio 6.0 suite includes the Visual Basic(R) development system version 6.0, the Visual C++(R) development system version 6.0, the Visual FoxPro(R) database development system version 6.0, the Visual InterDev(TM) Web development system version 6.0 and the Visual J++(TM) development system for Java version 6.0, as well as improved integration between the tools and a variety of technologies shared throughout the suite for easy and powerful enterprise development.

In addition to tight integration with Windows NT, Visual Studio 6.0 Enterprise Edition provides open interoperability with existing systems such as UNIX and SNA hosts with the inclusion of technologies such as ActiveX(R) Data Objects (ADO), Microsoft SNA Server 4.0 and the COM/CICS Transaction Integrator (COM TI).

"Our Loan Origination System serves 4,000 users across 600 branches and is a multitiered Web application built with Visual Studio," said Michael Moore, senior vice president of MIS development and Countrywide Home Loans, America's leading independent home lender. "Visual Studio provided the team support and development productivity our team of 45 programmers needed. With Visual Basic -- and Visual C++-based COM components running on middle-tier Windows NT-based servers, we have been very pleased with the scalability of the system."

Pricing

Microsoft announced that the estimated retail price (ERP) for Visual

Studio 6.0 Professional Edition is \$1,079, with an upgrade available for \$549, plus a \$100 rebate for licenses for Visual Studio 97 or other current versions of Microsoft Visual Tools. The ERP for Visual Studio 6.0 Enterprise Edition is \$1,619 (\$1,079 for the upgrade version).

Priced individually, Visual Basic 6.0 and Visual C++ 6.0 are available in standard, Professional and Enterprise editions with ERPs of \$109, \$549 and \$1,299 respectively. Upgrade discounts are available for the Professional and Enterprise editions. The ERP for Visual FoxPro 6.0 Professional Edition, Visual InterDev 6.0 Professional Edition and the Visual SourceSafe(TM) version control system version 6.0 is \$549 (\$279 for the upgrade version) per product. Visual J++ is offered in standard and Professional editions at \$109 and \$549 respectively (\$219 for the Professional Edition upgrade).

Founded in 1975, Microsoft is the worldwide leader in software for personal computers. The company offers a wide range of products and services for business and personal use, each designed with the mission of making it easier and more enjoyable for people to take advantage of the full power of personal computing every day.

NOTE: Microsoft, Visual Studio, Windows NT, Windows, Visual Basic, Visual C++, Visual FoxPro, Visual InterDev, Visual J++, ActiveX, Visual SourceSafe, MSDN and BackOffice are either registered trademarks or trademarks of Microsoft Corp. in the United States and/or other countries. Other product and company names herein may be trademarks of their respective owners.

The following table provides a quick summary of the differences between these two versions of Microsoft Visual Studio 6.0.

Product/Component	Description	Visual Studio	
		Professional Edition	Enterprise
Microsoft Visual Basic 6.0, Visual C++ 6.0, Visual FoxPro 6.0, Visual InterDev 6.0, Visual J++ 6.0, MSDN(TM) Library Special Edition	The Complete Suite of Microsoft Visual Tools	*	*
Enterprise Visual Database Tools	Visually design databases and views; create and test stored procedures for Microsoft SQL Server(TM) 6.5 and later and Oracle 7.0 and later databases. Debug stored procedures on Microsoft SQL Server databases		*
Team development support	Visual SourceSafe version control system 6.0, Visual Modeler, Visual Component Manager, and the Microsoft		*

Repository

Application
design and
performance
analysis tools

Visual Modeler 2.0
for designing
distributed
applications and
Visual Studio
Analyzer for
performance
analysis of
distributed
applications

*

BackOffice(R)
Server 4.5,
including Microsoft
SQL Server 7.0,
Windows NT Server
4.0, Systems
Management Server
2.0, Microsoft
Transaction Server,
Microsoft Exchange
Server 5.5, SNA
Server 4.0,
Internet
Information
Server 4.0 and more

A develop and test
license for the complete
integrated suite of
Microsoft BackOffice
Services

*

Third Parties Support Visual Studio 6.0

"With Microsoft Visual Studio 6.0 and BlueWater Systems' WinDK 2.6, developers can save immeasurable time by writing their device drivers for Windows NT and Windows 98 in as little as a few weeks rather than months. With WinDK, the complicated process of developing device drivers is simplified, saving development costs, reducing time to market and increasing reliability."

-- Paul Lever
President

BlueWater Systems In

c.

"Microsoft Visual Studio 6.0 offers the ability to develop industrial-strength solutions built from components, and its exciting new features will entice both our customers and vendors to develop with it. We are seeing an explosion in the development, use and reuse of components. With ComponentSources' technologies you can instantly find a prepackaged component available for and compatible with Visual Studio 6.0."

-- Sam Patterson
CEO
ComponentSource

"Microsoft's new Visual Studio is designed to help developers build high-performance applications, and c-tree Plus is designed to help developers build the highest-performance databases. The increased Internet support Microsoft has added to Visual Studio will bring new dimensions in Web database development when coupled with the flexibility and power of c-tree Plus and the FairCom Server."

is

Operations

-- Franco Cortinov

Director of

FairCom Europe

"The Mere Mortals Framework and Visual Studio 6.0 provide all the tools necessary to make the shift from building large, monolithic applications. With Mere Mortals, developers can now create flexible, component-based applications that anticipate change both in the users' requirements and in the software industry."

-- Kevin McNeish
President

Oak Leaf Enterprise

s

"Partes provides tools and middleware for financial analysts, offering a revolutionary new approach that dramatically improves the quality and speed of the analysis. Using Microsoft Visual Studio 6.0, Partes EDGARView speeds up the search process, making it easier for financial analysts to locate specific filing data quickly and accurately so that analysts spend their time on analysis, not on data entry and retrieval."

-- Mark Schnitzer
President
Partes Corp.

"We are working together with Microsoft to address the needs of millions of developers building applications with Visual Studio construction tools. By facilitating and automating virtually every phase of application development, deployment and management, we are helping developers achieve dramatic increases in productivity and efficiency."

-- Rick Pleczko

Vice President of Marketing,

Application Lifecycle Solution

s

PLATINUM technology Inc.

"Wise Installation System complements Microsoft Visual Studio by making it easier than ever to distribute applications written with Microsoft tools. With Wise Installation System and Visual Studio, companies can streamline their application deployment and fully realize the benefits of component-based development."

-- Bill Thomas

Chief Executive Officer
Wise Solutions

SOURCE Microsoft Corp.

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09/02/98

/NOTE TO EDITORS: If you are interested in viewing additional information on Microsoft, please check out the Microsoft Web page at <http://microsoft.com/presspass/> on Microsoft's corporate information pages./

/CONTACT: Stephanie Wettstein of Waggener Edstrom, 503-245-0905, or

stephw@wagged.com, for Microsoft Corp./

/Web site: <http://www.microsoft.com/>
(MSFT)

CO: Microsoft Corp.
ST: Washington
IN: CPR MLM
SU: PDT

PD-MP

-- SFW036 --

5760 09/02/98 09:01 EDT <http://www.prnewswire.com>

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INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

SPECIAL FEATURES: COMPANY

DIALOG(R)File 16:Gale Group PROMT(R)
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05663654 Supplier Number: 50124840 (THIS IS THE FULLTEXT)

Microsoft Previews Visual Basic 6.0

Taft, Darryl K.

Computer Reseller News, n796, p65

June 29, 1998

ISSN: 0893-8377

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Trade

Word Count: 241

TEXT:

Redmond, Wash. -- Microsoft Corp. last month previewed version 6.0 of its popular Visual Basic development system, featuring new data-access and Web-development features.

The new data-access capabilities will provide graphical, integrated data access to any ODBC or OLE-DB data source and support for Oracle Corp. and Microsoft SQL Server databases, said Carolyn Duffy, Microsoft's lead product manager for Visual Basic. "We did a survey last summer where 95 percent of [Visual Basic] developers said they use data-access features, so data access is like air to the developers," she said.

With Visual Basic 6.0, developers get integrated data access to any corporate data, she said. The newly integrated Visual Database Tools and new Data Environment Designer enable the visual design of Oracle Corp. and Microsoft SQL Server databases, the creation of data-access queries, and the sharing of data-aware components, she said.

The product also features enhanced support for ActiveX Data Objects, which allow developers to access data from many data-storage environments, including messaging servers and proprietary databases.

New Web-development features enable developers to take advantage of the Visual Basic programming model to build HTML- and Dynamic HTML-based applications, Duffy said. The WebClass Designer delivers an object model for the Web server, while the Dynamic HTML Page Designer lets developers build Microsoft Internet Explorer 4.0-based applications that combine DHTML with Visual Basic, she added.

Visual Basic 6.0 is slated for late-summer availability, Microsoft officials said.

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PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 51121 (Software Publishers)

SPECIAL FEATURES: COMPANY

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DIALOG(R)File 47:Gale Group Magazine DB(TM)
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05231519 SUPPLIER NUMBER: 21156920 (THIS IS THE FULL TEXT)
Visual Basic Grows Up. (version 6.0 of Microsoft's application development software) (Product Announcement)

Fastie, Will

PC Magazine, v17, n17, p271(1)

Oct 6, 1998

DOCUMENT TYPE: Product Announcement

ISSN: 0888-8507

LANGUAGE:

English RECORD TYPE: Fulltext

WORD COUNT: 4572 LINE COUNT: 00345

TEXT:

Once a general-purpose tool, VB now has advanced database and Internet capabilities aimed squarely at the enterprise market

Microsoft seems to have been focused almost exclusively on the Internet for the last few years, a focus that has finally found its way into Visual Basic. With Version 6.0, Microsoft has equipped its best-selling programming language with a host of features that let you build Web-based applications. This functionality, though available with additions to VB5, is much more integrated in VB6, and much richer.

In keeping with the company's push to the Web, Microsoft's emphasis this time around is almost exclusively on VB6's Internet features and advanced database capabilities, and as a result, on the Enterprise Edition of the product. This is much different from previous versions of VB where the emphasis was always on improvements to the core of the product--the language, the supplied components, and the integrated development environment (IDE). Almost all such improvements showed up in the Professional Edition, making it the meat-and-potatoes edition of Visual Basic and giving it broad market appeal.

If VB6/Pro's enhancements relating to the Web are set aside, the improvements to VB6 over VB5 are not as compelling as those that have gone before. (Perhaps we are just spoiled.) VB3 was a major leap over VB2, catapulting the product into the ranks of serious programming tools and dramatically expanding its market. VB4 was tremendously enhanced and brought us the means to make the transition from 16- to 32-bit Windows. VB5 had many enhancements, noticeable performance gains, and the long-awaited native-code compiler.

VB6 does bring some substantial core improvements, to be sure. Nonetheless, it brings quite a bit of aggravation as well. Price is the first example. Across the board, VB6 costs about 10 percent more than VB5. For example, a new copy of VB6/Pro costs \$50 more than VB5: \$549 versus \$499 (list). However, the VB6/Pro upgrade, which will be the biggest seller, costs 15 percent more: \$229 as opposed to VB5/Pro's \$199. And it's even worse--the list price of the upgrade is actually \$279. You have to return one of those annoying rebate coupons to get your 50 bucks back. To be fair, the price of VB has been rising steadily for many years, but we're a pretty far jump from the \$80 street price for the VB3/Pro upgrade.

While we're on the subject, we should emphasize the reality of Visual Basic. Version to version upgrades have traditionally created transition problems for developers. There is always something that has to be tweaked in the code or adjusted in the environment to get a VB project to run properly in the newer version. Skipping a VB version exacerbates the problem by doubling the number of upgrade issues. So for anyone working with VB on a regular or professional basis, keeping up with version upgrades should be a matter of course. As one of the huge mass of VB programmers, you simply have to pay the price to keep up with Microsoft's VB success.

Let's look at the Internet features in VB6 first, then turn to the core of this new version.

Internet Support

In true Microsoft fashion, the demonstration of VB6's Internet features is spectacular. We were able to build the examples provided as

part of the VB6 Reviewer's Guide in less than 15 minutes, and the results were impressive.

As the Wizard of Oz said, "Pay no attention to the man behind the curtain." Microsoft's examples were quick and easy, because the more difficult part of constructing the actual Web pages involved in the projects (plus some components of the projects themselves) had already been done. The process is to construct Web pages using Microsoft Visual InterDev or some other tool, then use VB to connect VB event code or ActiveX controls to those Web pages. In other words, all the work can't happen within VB alone. This is in sharp contrast to a development tool like Topspeed's Clarion, in which a complete application can be converted into interactive Web pages with one click of the mouse. VB takes a component-based approach: Given the HTML for the Web pages, you build VB components to connect to them.

There are two methods for building Web-based VB applications, both represented as new VB application types. One uses the new WebClass object model to create an Internet Information Server (IIS)-based application. The other provides a means to connect VB code to ActiveX control objects within the Dynamic HTML (DHTML) object model. Both methods have some Microsoft-specific aspects. IIS is a Microsoft product, included as part of Windows NT Server. IIS-based VB applications will therefore run on any Web server powered by NT. DHTML is not an Internet standard, at least not yet, so this approach requires the user to browse such Web pages with Microsoft's own Internet Explorer (IE) Version 4.01.

To begin an IIS-based application, you select IIS Application from the New Project dialog. For the simple Reviewer's Guide example, Figure 1 shows the "designer" used to create the application. The Approved, Denied, and Login entries are HTML pages created outside VB. Under Login, a Submit event has been created that collects the log-in information entered by the user viewing the Web page and then switches to either the Approved or Denied Web page as appropriate. The right pane of the designer shows all the HTML tags from the associated Web page, including the Submit button. VB updates the Web page to connect the Submit button to the event-handling code. Testing of this application is integrated; pressing the F5 key to run this application launches IE4 and displays the associated Web page.

To begin a DHTML application, you select DHTML Application from the New Project dialog. For the Reviewer's Guide example, Figure 2 shows the designer used to create the application. In this example, Microsoft's new DateTimePicker ActiveX control has been placed on the order entry form next to the label "Ship Date." This was accomplished by dragging the control from the ToolBox to the Web page displayed in the right pane of the designer. Code has been added to the Click event of the DateTimePicker to display a text message confirming the validity of the selected date. The left pane of the designer shows the components that make up the DHTML page, including the DateTimePicker control we added. Testing of this application is integrated as in the IIS application.

In Figure 2, notice that most controls in the ToolBox are disabled. This is because the basic controls provided with VB are not ActiveX controls but hard-coded VB controls. Only ActiveX controls will work with a DHTML application, so only those controls are available here.

Despite the ease with which we completed the examples, this type of development is not as easy as Microsoft would have us believe. You must understand the concepts underlying Web pages and have some familiarity with HTML. You must be able to visualize the relationship between the information provided by the designer and the previously created Web pages. You must understand the VB object model for IIS and DHTML applications. And, of course, you must be able to construct the Web pages that you want to connect to VB code. Microsoft has done a good job integrating the designers into the VB IDE, so at least some of the work is visual rather than code-oriented. You will have to study the trees in the left pane of the designers to understand what they mean. In short, the brevity of our description here belies the underlying complexity of VB-based Internet application development.

We've mentioned the concept of designers in discussing the Internet

features of VB6. Designers are new Visual Basic components that can be included in a project along with forms, MDI forms, modules, class modules, and so forth. As shown in Figure 3, designers are not generalized. Only the designers provided by Microsoft can be added to a project. Microsoft provides four: DHTML, WebClass (for IIS apps), DataReport, and DataEnvironment. We'll talk more about the two data designers shortly.

The Core

VB6/Pro comes on three CDs. One contains VB itself, and the other two contain the Visual Studio edition of MSDN (Microsoft Developer Network). The MSDN CDs are important, because they contain all the help files.

The installation process has become more cumbersome. There are more steps, with several system restarts along the way. VB6 is installed first, followed by MSDN. Finally, you are offered the option of installing various services, such as the Microsoft FrontPage 98 server extensions. It's hard to measure how much disk space is used, because the components are placed in various folders, but expect a typical installation to consume between 100MB and 150MB of disk space. Setup takes about 20 minutes. It has become common practice for newer versions of Visual Studio products to suggest removal of previous versions; if you accept this suggestion, setup time will increase. Although Microsoft is nervous about VB6 living on the same system with earlier versions, we had the Pro editions of VB4, VB5, and VB6 on the same computer and noticed no problems.

As you can see in Figures 1 and 2, the IDE is unchanged from VB5. There are two new menu items, Query and Diagram, which provide more direct control over the construction and maintenance of database queries as well as the design and diagramming of the databases themselves. These are welcome additions to the IDE. However, Query and Diagram are only active when the data connection is to a database server such as SQL Server, DB2, Sybase, or Oracle. For Jet applications (common among VB developers), the Query and Diagram menus remain gray.

A big change is the switch from WinHelp to HTMLHelp, although it's not for the better. The quality of VB help began declining in VB4 with fewer examples, and continued in VB5 with the linking of multiple help files. Both versions showed a growing number of broken hyperlinks. All these problems are present in VB6.

The trend toward fewer examples is a terrible one for the average programmer. VB originally distinguished itself by including examples for just about everything, thus giving valuable insights to those new to VB and those struggling with new features. And though it's true that many advanced features of VB are difficult to represent in a brief example, examples for the simpler things are often just as valuable but are increasingly missing.

The links between multiple help files sounds like a good idea on the surface but is awful in practice. The problem is a loss of context. For example, if you have VB5 and Microsoft Office installed on the same system, navigation within the VB5 help files may lead you into the MS Access help files. The only saving grace is that you can tell which help file you're in when you're using WinHelp. The new HTMLHelp changes that. With VB6, you're browsing the entire Visual Studio help suite--over 800MB of information. You can't tell one help page from another, so following a link from a VB topic, which you would naturally think would lead to further VB information, can land you in a topic related by name but having nothing to do with VB.

Our favorite example of this is searching help to find out how to programmatically obtain the version of Visual Basic. In point of fact, there is no VB syntax to do this. However, following links can land you at an example called Version Property Example. There you will find the statement `Debug.Print Application.VBE.Version`. Sounds pretty good, but it turns out that this syntax is specific to Visual Basic for Applications (VBA) and is used to determine the version of the VBA host (MS Word for example). You get absolutely no clue that this is not a VB6 topic.

The inclusion of the complete Visual Studio help actually just gets in the way of someone focusing on VB. Microsoft has tried to deal with this by creating subsets of information. A subset can be selected easily from a combo box; one such subset is called Visual Basic Documentation. Selecting

a subset changes the index so that items not related to VB are grayed (Figure 4), thus highlighting VB-specific information. A better idea would be to simply hide the non-VB items, because the index containing entries for all of Visual Studio is huge. The display turns into a vast wasteland of gray, punctuated by an occasional VB topic. Subsets also have other peculiar problems, as illustrated by Figure 5. Here the help system claims that the VB topic being displayed isn't in the table of contents for the VB subset, despite the fact that both are visible.

The problem of broken links has been growing as the help files have grown from version to version. Now, with everything in the one Visual Studio pot, the situation is worse. When links are broken, it's not obvious how to find the information in other ways. You could search for hours yet never find the page to which the broken link was supposed to point.

If you think we are harping on the help system, keep in mind that VB does not come with printed manuals any more. They are a separate, high-priced item. Microsoft intends the provided electronic documentation to be your primary source of information. That's okay with us as long as it's quality documentation--comprehensive, complete, and collected.

One good feature, first seen in VB5 but rarely mentioned in the press, is the context-sensitive help available from the object browser. Most VB users are familiar with right-clicking on a name in source code and selecting the Definition option. For variables and functions defined by the user, this action switches the view to the variable or function definition. For keywords or intrinsics, VB5 and VB6 launch the VB Object Browser, which shows the class membership and syntax of the item (see Figure 6). A right click at that point brings up another menu, which includes a link to the help file. Many users don't realize that help is just another click away.

VB5 to VB6 Conversion

In every VB version transition, there have been some changes that forced developers to work to switch a project to the new version. In the past, this involved such source-code-altering transformations as changes to controls, VB syntax, and certain methods. The good news is that we found no such gotchas in the transition from VB5 to VB6. In fact, once we smoothed over the big problem in the VB6 transition (see below), we were able to convert, compile, and run ten small applets and two larger production systems with no changes to any application code. This is the first time we have ever been able to do this, a major improvement.

The big problem is one that was present in the transition from VB4 to VB5, so we were genuinely annoyed to find it again this time around. If you used any of Microsoft's Windows common controls in your VB5 application, such as ToolBars, ImageLists, or StatusBars, you must take care in the transition.

These controls and others are contained in the COMCTL32.OCX and COMCT232.OCX DLL files for VB5. For VB6, they are in COMCTL.OCX, COMCTL2.OCX, and COMCT332.OCX. Whenever a control is registered with Windows, something called a Globally Unique Identifier (GUID) is assigned. If you look at a VB project file with a text editor, you will see that OCX files are not referred to by their names but rather by their GUIDs, a long sequence of hexadecimal digits with a few hyphens here and there. The GUIDs for the VB5 version of the Windows common controls and the VB6 version are different, which creates the problem.

As long as you continue to use the VB5 controls when you convert your project to VB6, you're safe. It's when you attempt to convert that you'll have a problem. VB5 asked if you wanted to update to the new version when converting a VB4 project. If you clicked Yes, all your Windows common controls turned into Picture Boxes, because VB could not connect the GUIDs of the older controls to their newer versions. Our beta copy of VB6 asked the same question and behaved in the same way, but Microsoft says that the production version will not. Instead, Microsoft will provide a small program (itself written in VB) that scans a VB5 project and makes the GUID changes. You run this converter before you load the project into VB6 for the first time. We tested a beta version of the converter, which has not been named, and it worked perfectly. Microsoft plans, but did not promise, to have this converter on the VB Web site by the time VB ships, so it

should be there by the time you read this.

Despite the existence of this problem between VB4 and VB5, Microsoft didn't catch it until late in the VB6 beta process. Hopefully this conversion will be an automated part of loading a VB6 project into VB7 sometime in the future, or if we're really lucky, a Service Pack fix.

Performance

Every version of Visual Basic has brought performance enhancements. Microsoft identifies several areas of VB6 in which performance has improved.

Microsoft claims that data access has improved as a result of "improved database drivers and data access components." We examined two production applications based on Jet (DAO) and noticed no obvious improvement. Given Microsoft's clear interest in connectivity to database engines such as Oracle and its own SQL Server, however, we suspect that much of the improvement lies there though we did not test such connections for this article.

Microsoft again claims to have improved forms handling, particularly the loading of forms. There was a visible improvement in VB5, one of the most compelling reasons to upgrade (even more so than the native code compiler). We did not notice the improvement in VB6; larger, more complex forms can still be sluggish.

We compared the time it took the same system to load VB6 and a project against the time it took to load VB5 and the same project. VB6 seemed slightly slower, though this performance downtick will vanish given today's rapid increase in processor performance.

One area in which VB6 improved is string handling, long a sore spot with VB programmers. VB6 includes a rather long list of new string functions designed to speed up common string operations. Some of these seem to be based on the kind of programming Microsoft does rather than what the broader VB programming community does day in and day out. An example is the Split function, which takes a string and parses it into words, phrases, or substrings based on a given delimiter. Split sounds great for compiler writers or systems programmers, but less interesting for business application programmers. The Filter, Join, and StrReverse functions fall into the same category. We do welcome the InstrRev function, which searches for substrings from the end of the string back, because it is useful in parsing pathnames, a common task. We also welcome the horribly overdue Round function, though we question its inclusion in a list of string functions. (Round can accept a string as its argument if the string can be interpreted as a number.)

Perhaps the most heavily used string function is Format\$, which can convert almost any kind of value into almost any formatted string. Because of its general purpose nature, this function is slow. VB6 includes specialized versions for the most commonly used formatting tasks: FormatDateTime, FormatCurrency, FormatPercent, and FormatNumber. The key differences between these functions and Format\$ is that they know in advance what kind of value they are dealing with, and they don't have to parse a format string to figure out what the output format looks like. The elimination of the format string probably contributes most of the savings. Dedicated functions like these, based on Format\$, are already part of most professional programmers' libraries, but the inclusion of intrinsic functions is good.

And how! We wrote a simple test program to compare the two kinds of function calls. The applet is shown in Figure 7, which also shows the results. The new functions are from two to five times as fast, a dramatic improvement.

We were curious to learn if the basic string-handling intrinsics--such as Mid\$ and the concatenation operator &--also got faster. Improving these functions makes every program faster without requiring coding changes. So we also wrote a small benchmark test applet, shown in Figure 8. There is a version of this applet for VB5 and one for VB6; each version shows the other's results. To our dismay, we noted slight degradations in almost all the tested functions under VB6. The variations are slight, and we were concerned about the rough timing provided by VB's

Timer function. However, repeated runs of the test returned consistent results. (Both benchmark tests mentioned can be downloaded from PC Magazine's Web site.)

To be fair, all the string functions were made faster with the compiler introduced in VB5. It's sad to give even a fraction of that back, though, especially because other products (especially Inprise's Delphi) have much faster string handling.

Data Handling

On the whole, data management shows great improvement in VB6. Earlier we mentioned two new designers: Data Environment and Data Report. Though VB allows you to start a new project called a Data Project, and though Microsoft's samples are all Data Projects, the two designers can be used with a standard VB project.

Figure 9 shows a Data Environment designer in action. The designer shows each of the connections (data sources) available to the project and the specific elements used in that connection. In addition, the Data Environment can show the relationship between those elements. The Data View to the right of the screen, launched by clicking the Data View Window toolbar button, shows what the connection has to offer. Tables from that view were simply dragged to the designer. Once there, you can examine and modify the tables' property pages, including a Relation tab that describes how one table relates to another. In this case, Orders are related to Customers and Order Details are related to Orders, a hierarchical view that is evident in the designer.

The form for this simple project was completed with one drag-and-drop operation. We simply dragged the Customer name and dropped it on the form. The designer dropped in fields for all the customer elements, plus an MSFlexGrid for the Orders and Details. Running the application at this point yields a working result, though adding navigation controls is necessary to actually move beyond the first customer record.

A Data Report designer is shown in the lower-right corner of Figure 9. With its traditional banded style, the purpose of this designer should be immediately apparent. Indeed, the Data Report is a Microsoft Access-like report generator. The designer is relatively easy to use and relatively intuitive.

The presence of a Microsoft report generator in VB is long overdue. Although Seagate's Crystal Reports is a fine product, the version that traditionally came with VB was at least one iteration old. Seagate's main interest was in encouraging VB users to upgrade to the company's full product. We hope the Data Report can become a key part of the VB environment and expand to more fully fill the role of default reporting system. For the moment the designer probably won't, given Microsoft's tendency to take a couple of versions to get a product right. As for Crystal Reports, it's still in the box. This time, however, it hasn't been upgraded along with VB--the same version (4.6) is included that came with VB5.

What started out as a VB sample program several versions ago has become a part of the VB environment. The Visual Data Manager (VisData) provides a surface to look at the databases that are a part of your application. VisData, as just a viewing and querying surface, is much lighter than Access and much more convenient to use, especially because it occupies the first entry on the Add-Ins menu within VB6. VisData remains a sample, with the source code in the VB6 samples folder on the CD. VisData has some Jet-specific features, such as Compact and Repair, so it can be a useful utility at client sites where Access is not licensed. You can also integrate VisData or just portions of it into your own application.

A New Era?

Visual Basic came into life as a tool designed to make it easy for a broader audience to create Windows applications. With each new version, VB has grown bigger and more complex. VB6 continues this trend with advanced database tools and Internet capabilities that indicate the product's future lies in the enterprise--a new era indeed for a once simple product.

Visual Basic 6.0 Professional Edition. List price: \$549; upgrade, \$229 (with rebate coupon); upgrade from VB3 or earlier, \$279. Microsoft Corp.,

Redmond, WA; 800-426-9400, 425-882-8080; www.microsoft.com/vbasic.

Will Fastie is an independent consultant located in Baltimore, MD.

FIGURE 1: This designer window lists VB events and HTML tags from an associated page.

FIGURE 2: In this application designer, only the tools for ActiveX controls are enabled.

FIGURE 3: Only certain designers can be added to a project.

FIGURE 4: This help index subset is confusingly full of grayed-out listings for non-VB topics.

FIGURE 5: The VB6 help system created this erroneous message on a subset topic.

FIGURE 6: The VB Object Browser shows an item's class membership and syntax.

FIGURE 7: This benchmark test applet compares the results of two kinds of function calls.

FIGURE 8: This applet shows that some string-handling functions are a bit slower in VB6.

FIGURE 9: This designer shows each of the data sources available and the elements used.

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COMPANY NAMES: Microsoft Corp.--Product introduction

DESCRIPTORS: Computer software industry--Product introduction; Program development software--Product introduction

PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: MSFT

TRADE NAMES: Microsoft Visual C++ 6.0 (Application development software)

--Product introduction

FILE SEGMENT: CD File 275

?

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

10636084 SUPPLIER NUMBER: 20800519 (THIS IS THE FULL TEXT)
MICROSOFT VISUAL BASIC 6.0 DUE OUT IN SEPTEMBER.
Computergram International, n120, pCGN06170008
June 17, 1998
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 149 LINE COUNT: 00015

TEXT:

Microsoft Corp introduced version 6.0 of its Visual Basic rapid application development tool on Monday, highlighting new data access features supporting ODBC or OLE DB data sources, and additional database design tools for Oracle Corp and Microsoft SQL Server databases through the Visual Database Tools and Data Environment Designer additions. HTML and Dynamic HTML developments tools have also been integrated into the tool, and Microsoft says it's also boosted performance through optimizations, simplified application deployment and debugging, and added support for Microsoft Server technologies. Visual Basic 6.0 will be available separately in Learning, Professional or Enterprise editions, or as part of the wider Visual Studio 6.0 set of developer tools announced a few week ago. It will be available along with Visual Studio, due to be launched officially on September 2. Pricing and upgrade policies will be announced then.

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INDUSTRY CODES/NAMES: CMPT Computers and Office Automation; INTL
Business, International
FILE SEGMENT: CD File 275

?

DIALOG(R) File 148:Gale Group Trade & Industry DB
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10271246 SUPPLIER NUMBER: 20820164 (THIS IS THE FULL TEXT)
VB to support more databases.(Visual Basic 6.0) (Product Announcement)
Cornetto, Jon
InfoWorld, v20, n24, p37(1)
June 15, 1998
DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 438 LINE COUNT: 00039

TEXT:

Microsoft will reveal another piece of the Visual Studio 6.0 development system puzzle on June 15, when it introduces Visual Basic 6.0, its rapid application development (RAD) tool, at its headquarters in Redmond, Wash.

This release builds in more support for distributed application development, with new Web development tools, expanded data access capabilities, and tighter integration with other Visual Studio tools.

Microsoft answered critics of previous releases by including optimized support for databases other than SQL Server databases. Version 6 lets developers create and modify Oracle 7.3.3 and AS/400 databases.

"Microsoft finally realized that SQL Server is not competing, in a lot of cases, with Oracle," said Phil Costa, an industry analyst at the Giga Information Group, in Cambridge, Mass.

Improved interoperability among Visual Studio components is the most significant improvement to developers, said Boyd Nolan, lead engineer at Boeing Aerospace, in Seattle, which is redeploying all of its systems over the Web.

"All the data services we provide on our Web service were written in Visual Basic, allowing us to integrate data from the purchasing to inventory, very easily," Nolan said.

New tools also make it faster and easier to develop applications that will be deployed via the Internet and corporate intranets.

Visual Basic developers can now develop server-side applications that will work with any Web browser on any platform, with its new WebClass Designer.

Additionally, developers can develop Dynamic HTML (DHTML) pages with an integrated WYSIWYG editor. These tools cut out Microsoft competitor Sun Microsystems' Java product.

"I wouldn't go as far as to say 'never use Java on a Web page,' which is implicitly what Microsoft is saying here," said Mike Gilpin, vice president at Giga Information Group. "But many pages can be more easily done with DHTML from within the familiar Visual Basic environment."

Version 6 also will make delivery and creation of Component Object Model (COM) components more accessible to developers.

"It's been just too hard to create COM components. Visual Basic addresses this problem," Gilpin said.

Chris Flores, Visual Basic product manager, said Version 6.0 will also support some of the features of COM+, Microsoft's forthcoming component model.

Microsoft officials said Visual Basic will be available in late summer, with its final release to come in September with the release of Visual Studio 6.0. Prices for the Learning, Standard, and Enterprise editions will remain about the same as prices for Version 5, according to company officials.

Microsoft Corp., can be reached at <http://www.microsoft.com>.

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COMPANY NAMES: Microsoft Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation

DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

?

DIALOG(R)File 148:Gale Group Trade & Industry DB
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10262271 SUPPLIER NUMBER: 20802473 (THIS IS THE FULL TEXT)
Latest Visual Basic To Debut.(Microsoft's Visual Basic 6.0 application
development software) (Product Announcement)
Computer Reseller News, n794, p2(1)
June 15, 1998
DOCUMENT TYPE: Product Announcement ISSN: 0893-8377 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 39 LINE COUNT: 00006

TEXT:

Microsoft Corp. this week will unveil version 6.0 of Visual Basic,
which will provide graphical, integrated data access to ODBC or OLE-DB data
sources, and support Oracle Corp. and Microsoft SQL Server.

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COMPANY NAMES: Microsoft Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

?

5/8/1 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6178041 INSPEC Abstract Number: C1999-04-6140D-018

Title: Introducing Visual Basic 6

Publication Date: Oct. 1998

Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Descriptors: application generators; BASIC; client-server systems; software reviews; visual programming

Identifiers: Visual Basic 6; Microsoft ; application development tool; RAD approach; data reports; ViBasic 6.0; data access; dynamic control creation; data binding; Internet; ActiveX; Windows programming language; middle-tier components; client/server applications; resource overhead; intranet apps

Class Codes: C6140D (High level languages); C6115 (Programming support); C6110V (Visual programming); C6150N (Distributed systems software)

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5/8/2 (Item 2 from file: 2)

DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6070903 INSPEC Abstract Number: C9812-6140D-034

Title: Visual Basic 6 filesystem objects

Publication Date: Oct. 1998

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Descriptors: BASIC; object-oriented languages; object-oriented programming; visual languages; visual programming

Identifiers: Visual Basic; Microsoft ; VB6; external object models; File-System Object Model; FSOM; intrinsic file functions

Class Codes: C6140D (High level languages); C6110V (Visual programming); C6110J (Object-oriented programming)

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5/8/3 (Item 1 from file: 9)

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2493580 Supplier Number: 02493580 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Have it your way with Office 2000 Developer

May 24, 1999

WORD COUNT: 876

COMPANY NAMES: MICROSOFT CORP

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/4 (Item 2 from file: 9)

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2474080 Supplier Number: 02474080 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Microsoft Takes New Direction With VBA 6.0

May 31, 1999

WORD COUNT: 1509

COMPANY NAMES: MICROSOFT CORP

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)
CONCEPT TERMS: All product and service information; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/5 (Item 3 from file: 9)

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2321712 Supplier Number: 02321712 (USE FORMAT 7 OR 9 FOR FULLTEXT)

VB For Alpha Chips

December 14, 1998

WORD COUNT: 57

COMPANY NAMES: MICROSOFT CORP

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/6 (Item 4 from file: 9)

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2312934 Supplier Number: 02312934 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Seagate Software Unveils Seagate Crystal Reports 7

November 30, 1998

WORD COUNT: 222

COMPANY NAMES: SEAGATE SOFTWARE INC (SEAGATE TECHNOLOGY INC)

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: Hong Kong (HOK); Pacific Rim (PARX); Southern &
Eastern Asia (SSAX)

5/8/7 (Item 5 from file: 9)

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2295487 Supplier Number: 02295487 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Web-Based Reporting Tools Take Varied Tacks

November 16, 1998

WORD COUNT: 598

COMPANY NAMES: POSITIVE SUPPORT REVIEW

INDUSTRY NAMES: Applications software; Network hardware and software;
Software

PRODUCT NAMES: Communications software packages, except networking
(737251); Applications software packages NEC (737279)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/8 (Item 6 from file: 9)

DIALOG(R)File 9:(c) 2004 The Gale Group. All rts. reserv.

2244349 Supplier Number: 02244349 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Philippines - Visual Basic 6 .0 Targets Business

September 22, 1998

WORD COUNT: 376

COMPANY NAMES: MICROSOFT CORP; MICROSOFT PHILIPPINES

INDUSTRY NAMES: Software

PRODUCT NAMES: Utility software packages (737242)

CONCEPT TERMS: All company; All product and service information; Corporate strategy; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); Pacific Rim (PARX); Philippines (PHI); Southern & Eastern Asia (SSAX); United States (USA)

5/8/9 (Item 7 from file: 9)

DIALOG(R)File 9:(c) 2004 The Gale Group. All rts. reserv.

2170539 Supplier Number: 02170539 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Developers Have Help For Leap From Desktop To Web
June 22, 1998
WORD COUNT: 478

COMPANY NAMES: INPRISE CORP; MICROSOFT CORP
INDUSTRY NAMES: Software
PRODUCT NAMES: Development support software packages (737224)
CONCEPT TERMS: All product and service information; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/10 (Item 8 from file: 9)

DIALOG(R)File 9:(c) 2004 The Gale Group. All rts. reserv.

2163294 Supplier Number: 02163294 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft Readies VB 6.0
June 15, 1998
WORD COUNT: 58

COMPANY NAMES: MICROSOFT CORP
INDUSTRY NAMES: Software
PRODUCT NAMES: Development support software packages (737224)
CONCEPT TERMS: All product and service information; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/11 (Item 9 from file: 9)

DIALOG(R)File 9:(c) 2004 The Gale Group. All rts. reserv.

2163204 Supplier Number: 02163204 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Visual Basic Upgrade Set -- Version 6.0 will feature easier data access and application deployment
June 15, 1998
WORD COUNT: 323

COMPANY NAMES: MICROSOFT CORP
INDUSTRY NAMES: Software
PRODUCT NAMES: Development support software packages (737224)
CONCEPT TERMS: All product and service information; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/12 (Item 10 from file: 9)

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1717299 Supplier Number: 01717299 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microsoft's VB6 Shell Game
January 20, 1997
WORD COUNT: 463

COMPANY NAMES: MICROSOFT CORP
INDUSTRY NAMES: Software
PRODUCT NAMES: Development support software packages (737224)
CONCEPT TERMS: All product and service information; Product development

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/13 (Item 1 from file: 13)

DIALOG(R)File 13:(c) 2004 The Gale Group. All rts. reserv.

1157295 Supplier Number: 02363509 (USE FORMAT 7 OR 9 FOR FULLTEXT)

SoftWire Capitalizes On Graphical/Textual Languages

February 2000

WORD COUNT: 573

COMPANY NAMES: COMPUTER BOARDS INC

COMPANY DEPARTMENT NAME: Information Technology

CONCEPT TERMS: Information Technology; Programming; Technology application

GEOGRAPHIC NAMES: United States (USA)

5/8/14 (Item 2 from file: 13)

DIALOG(R)File 13:(c) 2004 The Gale Group. All rts. reserv.

1036419 Supplier Number: 00960360 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Microsoft 's VB6 Shell Game

January 20, 1997

WORD COUNT: 462

COMPANY NAMES: MICROSOFT CORP

COMPANY DEPARTMENT NAME: Information Technology

INDUSTRY NAMES: Software

PRODUCT NAMES: Development support software packages (737224)

CONCEPT TERMS: Information Technology; Computer aided software engineering
; Systems development

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

5/8/15 (Item 1 from file: 15)

DIALOG(R)File 15:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01655308 03-06298

USE FORMAT 9 FOR FULL TEXT

Visual Basic 6 .0 gains expanded database capabilities

WORD COUNT: 1193 LENGTH: 1 Pages

Jun 15, 1998

COMPANY NAMES:

Microsoft Corp (DUNS:08-146-6849 TICKER:MSFT)

GEOGRAPHIC NAMES: US

DESCRIPTORS: Software reviews; Software upgrading; Data base management
systems

CLASSIFICATION CODES: 9190 (CN=United States); 5240 (CN=Software & systems)
; 9120 (CN=Product specific)

5/8/16 (Item 1 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

09454542 Supplier Number: 83058940 (USE FORMAT 7 FOR FULLTEXT)

SEAPINE SOFTWARE, INC.: TESTTRACK PRO 4.6 INTEGRATES WITH VISUAL

STUDIO.NET, ETC.(Brief Article)(Product Announcement)

Feb 18, 2002

Word Count: 173

PUBLISHER NAME: Millin Publishing, Inc.

COMPANY NAMES: Microsoft Corp.; Seapine Software Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372514 (Debugging & Testing Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: TestTrack Pro 4.6 (Debugging/testing software)
SPECIAL FEATURES: COMPANY

5/8/17 (Item 2 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

09454524 Supplier Number: 83056569 (USE FORMAT 7 FOR FULLTEXT)
SEAPINE SOFTWARE, INC.: TESTTRACK PRO 4.6 INTEGRATES WITH VISUAL STUDIO .NET, VISUAL BASIC 6, AND ADDITIONAL SCM TOOLS.(Brief

Article)(Product Announcement)

Feb 18, 2002

Word Count: 173

PUBLISHER NAME: Millin Publishing, Inc.

COMPANY NAMES: *Seapine Software Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372514 (Debugging & Testing Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TRADE NAMES: TestTrack Pro 4.6 (Debugging/testing software)

SPECIAL FEATURES: COMPANY

5/8/18 (Item 3 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

09433982 Supplier Number: 82772477 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Eyes Web Services Developers With Visual Studio .Net.(Product Announcement)

Feb 11, 2002

Word Count: 520

PUBLISHER NAME: CMP Media, Inc.

COMPANY NAMES: Microsoft Corp.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372510 (Software Development Tools); 7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: Visual Studio.NET (Application development software)

SPECIAL FEATURES: COMPANY

5/8/19 (Item 4 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

09290160 Supplier Number: 80839322 (USE FORMAT 7 FOR FULLTEXT)
Books24x7 Announces Book Nominations for First Annual Referenceware Excellence Awards; Awards Based on Reader Usage; To be Presented at Waterside Publishing Conference, January 31-February 2.

Dec 17, 2001

Word Count: 750

PUBLISHER NAME: PR Newswire Association, Inc.
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

5/8/20 (Item 5 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

09180339 Supplier Number: 80047007 (USE FORMAT 7 FOR FULLTEXT)
ClientSoft Introduces 'ClientView Builder for Visual Basic'.
Nov 14, 2001
Word Count: 497
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: ClientSoft Inc.; Microsoft Corp.
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/21 (Item 6 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08896966 Supplier Number: 77140295 (USE FORMAT 7 FOR FULLTEXT)
**Intuitive Manufacturing Systems Announces Architectural Framework
Designed for the Microsoft .NET Platform.**
August 13, 2001
Word Count: 641
PUBLISHER NAME: Business Wire
COMPANY NAMES: Intuitive Manufacturing Systems Inc.; Microsoft Corp.
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/22 (Item 7 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08844551 Supplier Number: 76844567 (USE FORMAT 7 FOR FULLTEXT)
**Users Create Code-Free Programs. (application development software) (Brief
Article) (Product Announcement)**
July, 2001
Word Count: 95
PUBLISHER NAME: Cahnners Business Information
COMPANY NAMES: *SoftWIRE Technology Inc.
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372510 (Software Development Tools)
INDUSTRY NAMES: BUSN (Any type of business); ENG (Engineering and
Manufacturing)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: SoftWIRE 3.0 (Application development software)
SPECIAL FEATURES: COMPANY

5/8/23 (Item 8 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08825520 Supplier Number: 76693498 (USE FORMAT 7 FOR FULLTEXT)

0) Microsoft and ArtinSoft Announce Strategic Alliance to Simplify Upgrade To Visual Studio .NET.

July 23, 2001

Word Count: 818

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: **Microsoft Corp.**

EVENT NAMES: *610 (Contracts & orders received)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/24 (Item 9 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08825108 Supplier Number: 76691858 (USE FORMAT 7 FOR FULLTEXT)

Microsoft and ArtinSoft Announce Strategic Alliance to Simplify Upgrade To Visual Studio .NET.

July 23, 2001

Word Count: 810

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: **Microsoft Corp.**

EVENT NAMES: *610 (Contracts & orders received)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/25 (Item 10 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08821816 Supplier Number: 76665655 (USE FORMAT 7 FOR FULLTEXT)

Changing face of Visual Basic.(Microsoft Visual Basic 6 .0) (Product Information)

July 12, 2001

Word Count: 503

PUBLISHER NAME: Reed Elsevier Business Publishing, Ltd.

COMPANY NAMES: **Microsoft Corp.**

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software); 7372510 (Software Development Tools)

INDUSTRY NAMES: CMPT (Computers and Office Automation)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: **Microsoft Visual Basic Enterprise Edition 6.0** (Application development software)

SPECIAL FEATURES: COMPANY

5/8/26 (Item 11 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08739702 Supplier Number: 75703765 (USE FORMAT 7 FOR FULLTEXT)

AppForge Announces Special Summer Pricing on Personal Edition.

June 21, 2001

Word Count: 382

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: **Microsoft** Corp.

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/27 (Item 12 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08731985 Supplier Number: 75631648 (USE FORMAT 7 FOR FULLTEXT)

ArtinSoft Introduces **New Upgrade Service for Microsoft Visual Basic(R)**
at TechEd 2001.

June 19, 2001

Word Count: 610

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: Freeway Corp.; **Microsoft** Corp.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/28 (Item 13 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08731489 Supplier Number: 75560002 (USE FORMAT 7 FOR FULLTEXT)

Microsoft Boosts Tool Set for .Net.(Product Announcement)

May 28, 2001

Word Count: 406

PUBLISHER NAME: Computerworld, Inc.

COMPANY NAMES: **Microsoft** Corp.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372510 (Software Development Tools); 7372513
(Application Development Software)

INDUSTRY NAMES: CMPT (Computers and Office Automation)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: **Microsoft** Visual Studio.NET {beta} (Application development
software); **Microsoft** Visual Studio.NET Beta 2 (Application development
software)

SPECIAL FEATURES: COMPANY

5/8/29 (Item 14 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08694148 Supplier Number: 75303267 (USE FORMAT 7 FOR FULLTEXT)

Salsa Systems Introduces **Breakthrough Solutions for Rapidly Enabling
Mobile Applications.**

June 6, 2001

Word Count: 623

PUBLISHER NAME: Business Wire

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

5/8/30 (Item 15 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08559385 Supplier Number: 73823416 (USE FORMAT 7 FOR FULLTEXT)
**APPFORGE PROFESSIONAL PUTS VISUAL BASIC DEVELOPMENT IN THE PALM OF YOUR
HAND.**(Product Announcement)
April 30, 2001
Word Count: 1562
PUBLISHER NAME: CMP Media, Inc.
COMPANY NAMES: *AppForge Inc.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: AppForge Professional Edition 1.1 (Application development
software)
SPECIAL FEATURES: COMPANY

5/8/31 (Item 16 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

08132137 Supplier Number: 67683860 (USE FORMAT 7 FOR FULLTEXT)
Graphical add-in for Visual Basic 6 .0.
Dec 4, 2000
Word Count: 127
PUBLISHER NAME: Miller Freeman UK Ltd
INDUSTRY NAMES: BUSN (Any type of business); ELEC (Electronics); INTL (Business, International)

5/8/32 (Item 17 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07969692 Supplier Number: 66573626 (USE FORMAT 7 FOR FULLTEXT)
**NeoVision Systems Releases Visual iRAD 1.5; Web Developer Productivity
Gains as High as 2400%.**
Oct 30, 2000
Word Count: 485
PUBLISHER NAME: Business Wire
COMPANY NAMES: *Visual
GEOGRAPHIC NAMES: *4EUFR (France)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SPECIAL FEATURES: COMPANY

5/8/33 (Item 18 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07926389 Supplier Number: 65353111 (USE FORMAT 7 FOR FULLTEXT)
Designers Can "Wire Together" Programs In Visual Basic.(Product
Announcement)
Sept 5, 2000
Word Count: 551
PUBLISHER NAME: Penton Media, Inc.
COMPANY NAMES: *ComputerBoards Inc.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372449 (Graphics Software NEC)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); ELEC (Electronics)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: Computerboards Softwire 2.0 (Graphics/imaging utility)
SPECIAL FEATURES: COMPANY

5/8/34 (Item 19 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07884407 Supplier Number: 65835033 (USE FORMAT 7 FOR FULLTEXT)
CGI - Component Graphics, Inc. Releases Newest Version of CGI Membership Software, Release 2.0.
Oct 9, 2000
Word Count: 489
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Component Graphics Inc.
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: LOB; COMPANY

5/8/35 (Item 20 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07824784 Supplier Number: 65325673 (USE FORMAT 7 FOR FULLTEXT)
AppForge Announces Participation in Microsoft 's Visual Studio Integration Program.
Sept 20, 2000
Word Count: 455
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: Microsoft Corp.; Visual
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/36 (Item 21 from file: 16)

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07510581 Supplier Number: 63044462 (USE FORMAT 7 FOR FULLTEXT)
Vicom Multimedia Announces SAFE-T-Disc CSTS Version 3.0 Ideal for Virtual Training Centers.
June 29, 2000
Word Count: 507
PUBLISHER NAME: Business Wire
COMPANY NAMES: Microsoft Corp.; Vicom Multimedia Inc.
GEOGRAPHIC NAMES: *1CANA (Canada)
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/37 (Item 22 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07470029 Supplier Number: 62776073 (USE FORMAT 7 FOR FULLTEXT)
VideoSoft Releases VSVIEW 7.0 With RTF and HTML Export.
June 16, 2000
Word Count: 639
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *VideoSoft
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: LOB; COMPANY

5/8/38 (Item 23 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07436218 Supplier Number: 62548748 (USE FORMAT 7 FOR FULLTEXT)
SS&C Releases Antares 2000 Version 3.1 Now Supports Sybase and Microsoft SQL Server 7.
June 7, 2000
Word Count: 435
PUBLISHER NAME: Business Wire
COMPANY NAMES: Microsoft Corp.; SS and C Technologies Inc. (Bloomfield, Connecticut)
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/39 (Item 24 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07060237 Supplier Number: 59450766 (USE FORMAT 7 FOR FULLTEXT)
VB 6.0: A Focus on Data Access and the Internet.(Product Announcement)
June 24, 1998
Word Count: 524
PUBLISHER NAME: Boucher Communications, Inc.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372422 (DBMS Utilities); 7372513 (Application Development Software); 7372510 (Software Development Tools)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)

5/8/40 (Item 25 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

07023154 Supplier Number: 59419411 (USE FORMAT 7 FOR FULLTEXT)
Integrated package creates in Visual C++, Visual Basic or LabWindows/CVI -- Test development tools 'speak' many tongues.(Product Announcement)
Feb 14, 2000
Word Count: 551
PUBLISHER NAME: CMP Media, Inc.
COMPANY NAMES: Microsoft Corp.; National Instruments Corp.
EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software); 7372510
(Software Development Tools)
INDUSTRY NAMES: BUSN (Any type of business); ELEC (Electronics); ENG (Engineering and Manufacturing)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: Measurement Studio (Application development software)
SPECIAL FEATURES: COMPANY

5/8/41 (Item 26 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06836333 Supplier Number: 57843070 (USE FORMAT 7 FOR FULLTEXT)
PKI is in the (smart) cards :Corporate users look to smart cards to implement public-key infrastructure.(Gemplus's GemShield and GemSafe Enterprise; Litronic's ProFile Manager 3.0 data security hardware/software)(Product Announcement)

Nov 29, 1999

Word Count: 492

PUBLISHER NAME: Ziff-Davis Publishing Company

COMPANY NAMES: *GTE Corp.; Litronic Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *3573290 (Computer Peripherals NEC); 7372613 (Network Security Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 334119 (Other Computer Peripheral Equipment Manufacturing); 51121 (Software Publishers)

TRADE NAMES: Gemplus GemShield (Data security device); Gemplus GemSafe Enterprise (Data security device); Litronic ProFile Manager 3.0 (Network security software)

SPECIAL FEATURES: COMPANY

5/8/42 (Item 27 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06591459 Supplier Number: 55565889 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Announces Availability of New Web-Based Training New Online Courses for Developers and IT Professionals Available.

August 26, 1999

Word Count: 1222

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: Microsoft Corp.; Training Associates Inc.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software); 7372471 (Business Training Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/43 (Item 28 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06427257 Supplier Number: 54948923 (USE FORMAT 7 FOR FULLTEXT)
Small databases offer big returns.(IBM, Microsoft supporting mobile users; Oracle, Sybase working on technologies)(Product Announcement)

June 18, 1999

Word Count: 955

PUBLISHER NAME: Plesman Publications Ltd.
COMPANY NAMES: Oracle Corp.; Sybase Inc.; **Microsoft Corp.**; International Business Machines Corp.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372421 (DBMS)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); INTL (Business, International)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: **Microsoft** Data Engine (DBMS); DB2 Universal Database Satellite Edition (DBMS)
SPECIAL FEATURES: COMPANY

5/8/44 (Item 29 from file: 16)0
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06379393 Supplier Number: 54764909 (USE FORMAT 7 FOR FULLTEXT)
Pack fixes Visual Studio bugs.(Microsoft 's Visual Studio 6.0 Service Pack 3 operating system enhancement)(Brief Article)(Product Announcement)
May 31, 1999
Word Count: 106
PUBLISHER NAME: Ziff-Davis Publishing Company
COMPANY NAMES: **Microsoft Corp.**
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: **Microsoft** Visual Studio 6.0 Service Pack 3 (Application development software)
SPECIAL FEATURES: COMPANY

5/8/45 (Item 30 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06344816 Supplier Number: 54649349 (USE FORMAT 7 FOR FULLTEXT)
Office 2000 AddsValue -- Microsoft 's Upcoming Release Is More Than A Suite Of Applications-It's Evolving Into A Development Platform And Operating System.(Software Review)(Evaluation)
May 17, 1999
Word Count: 3718
PUBLISHER NAME: CMP Publications, Inc.
COMPANY NAMES: **Microsoft Corp.**
EVENT NAMES: *353 (Product quality)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372405 (Integrated Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); TELC (Telecommunications)
NAICS CODES: 51121 (Software Publishers)
TRADE NAMES: **Microsoft** Office 2000 (Business application suite)
SPECIAL FEATURES: COMPANY

5/8/46 (Item 31 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06196173 Supplier Number: 54119931 (USE FORMAT 7 FOR FULLTEXT)
NEW MICROSOFT VISUAL BASIC MCSD TRAINING KIT RELEASED .(Brief Article)
March 16, 1999
Word Count: 82
PUBLISHER NAME: M2 Communications

COMPANY NAMES: **Microsoft Corp.**
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUSN (Any type of business); INTL (Business,
International); TELC (Telecommunications)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
SPECIAL FEATURES: LOB; COMPANY

5/8/47 (Item 32 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06185114 Supplier Number: 54072252 (USE FORMAT 7 FOR FULLTEXT)
**Microsoft Announces Availability of 'Desktop Applications for
Microsoft Visual Basic MCSD Training Kit'.**

March 11, 1999

Word Count: 702

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: **Microsoft Corp.**

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SIC CODES: 7372 (Prepackaged software)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/48 (Item 33 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06124255 Supplier Number: 53852532 (USE FORMAT 7 FOR FULLTEXT)
AppDev Introduces Visual Basic 6 .0 Training Video.

Feb 11, 1999

Word Count: 327

PUBLISHER NAME: Business Wire

COMPANY NAMES: **Microsoft Corp.**

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software); 7372471 (Business
Training Software); 7372705 (Computer Training Services (Contract))

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers); 541512 (Computer Systems
Design Services)

TICKER SYMBOLS: MSFT

SPECIAL FEATURES: LOB; COMPANY

5/8/49 (Item 34 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06120501 Supplier Number: 53736180 (USE FORMAT 7 FOR FULLTEXT)
**Microsoft Tools Offering More Support For XML -- Component Supports
Visual Basic 6 .0, Makes Data Easier To Use In Applications.(Product
Information)**

Feb 8, 1999

Word Count: 2110

PUBLISHER NAME: CMP Publications, Inc.

COMPANY NAMES: **Microsoft Corp.**

EVENT NAMES: *350 (Product standards, safety, & recalls)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); TELC (Telecommunications)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Internet Explorer 5.0 (Web browser)
SPECIAL FEATURES: illustration; 9
SPECIAL FEATURES: COMPANY

5/8/50 (Item 35 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06051167 Supplier Number: 53990696 (USE FORMAT 7 FOR FULLTEXT)
**Robust Web Apps -- Visual Basic 6 .0's Features Leverage Other
MicrosoftTechnologies To Create Powerful Web Applications.(Microsoft 's
Visual Basic 6 .0 applications development software) (Software
Review) (Evaluation)**

Oct 26, 1998

Word Count: 2263

PUBLISHER NAME: CMP Publications, Inc.

COMPANY NAMES: **Microsoft** Corp.

EVENT NAMES: *350 (Product standards, safety, & recalls)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); TELC (Telecommunications)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development software)

SPECIAL FEATURES: illustration; 9

SPECIAL FEATURES: COMPANY

5/8/51 (Item 36 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06018529 Supplier Number: 53433590 (USE FORMAT 7 FOR FULLTEXT)

Wave Technologies Announces Millennium Program.

Dec 18, 1998

Word Count: 1517

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Wave Technologies International Inc.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7370000 (Computer Services)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 5415 (Computer Systems Design and Related Services)

SPECIAL FEATURES: INDUSTRY; COMPANY

5/8/52 (Item 37 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06007742 Supplier Number: 53404193 (USE FORMAT 7 FOR FULLTEXT)

**Developers get 64-bit lift from Alpha tools.(Visual Basic 6 .0Visual
Basic 6.0 Enterprise Edition and Visual C++ 6.0 Professional
Edition) (Product Announcement)**

Dec 14, 1998

Word Count: 243

PUBLISHER NAME: InfoWorld Publishing Company

COMPANY NAMES: **Microsoft** Corp.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development software); **Microsoft** Visual C++ 6.0 Professional Edition (Application development software)
SPECIAL FEATURES: COMPANY

5/8/53 (Item 38 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06007388 Supplier Number: 53403143 (USE FORMAT 7 FOR FULLTEXT)
Stingray Division of Rogue Wave Software Announces Objective Toolkit/X 2.0.

Dec 15, 1998
Word Count: 520
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Rogue Wave Software Inc.
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372000 (Computer Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: LOB; COMPANY

5/8/54 (Item 39 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06006570 Supplier Number: 53401356 (USE FORMAT 7 FOR FULLTEXT)
Artisoft's Visual Voice 5.0 Now Shipping ; Visual Voice 5.0 Harnesses Internet for Global Telephony Development.

Dec 15, 1998
Word Count: 771
PUBLISHER NAME: Business Wire
PRODUCT NAMES: *7372673 (Voice Communications Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)

5/8/55 (Item 40 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

06004828 Supplier Number: 53396053 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Porting VB, VC++ to Alpha.(Visual Basic 6 .0 Enterprise Edition and Visual C++ 6.0 Professional Edition application development software)

Dec 14, 1998
Word Count: 127
PUBLISHER NAME: Ziff-Davis Publishing Company
COMPANY NAMES: **Microsoft** Corp.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic Enterprise Edition 6.0 (Application development software); **Microsoft** Visual C++ Professional Edition 6.0 (Application development software)
SPECIAL FEATURES: COMPANY

5/8/56 (Item 41 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05989665 Supplier Number: 53356478 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Announces Availability of Visual Basic 6.0 and Visual
C++ 6.0 For Alpha-Processor Native Application Development.

Dec 7, 1998

Word Count: 547

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: Microsoft Corp.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

SPECIAL FEATURES: LOB; COMPANY

5/8/57 (Item 42 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05979182 Supplier Number: 53287130 (USE FORMAT 7 FOR FULLTEXT)
Seagate Crystal Reports features Java query tool. (Seagate Software's
Crystal Reports 7.0) (Brief Article) (Product Announcement)

Nov 30, 1998

Word Count: 220

PUBLISHER NAME: Plesman Publications Ltd.

COMPANY NAMES: *Seagate Software Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372422 (DBMS Utilities)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation); INTL (Business, International)

NAICS CODES: 51121 (Software Publishers)

TRADE NAMES: Crystal Reports 7.0 (Report generation software)

SPECIAL FEATURES: COMPANY

5/8/58 (Item 43 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05978628 Supplier Number: 53284705 (USE FORMAT 7 FOR FULLTEXT)
Keystone's New Training Videos Teach Microsoft's Visual Basic 6.0
to Programmers and Developers.

Dec 1, 1998

Word Count: 575

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: Keystone Learning Systems Corp.; Microsoft Corp.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

SPECIAL FEATURES: LOB; COMPANY

5/8/59 (Item 44 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05967018 Supplier Number: 53250719 (USE FORMAT 7 FOR FULLTEXT)
Winner: Microsoft Visual Basic 6.0. (Product Information)

Nov 16, 1998

Word Count: 451

PUBLISHER NAME: CMP Publications, Inc.

COMPANY NAMES: Microsoft Corp.

EVENT NAMES: *353 (Product quality)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)
SPECIAL FEATURES: COMPANY

5/8/60 (Item 45 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05956902 Supplier Number: 53225097 (USE FORMAT 7 FOR FULLTEXT)
Web-Based Reporting Tools Take Varied Tacks.(Positive Support Review Inc's Zinnote 5.6)(Product Announcement)

Nov 16, 1998

Word Count: 533

PUBLISHER NAME: CMP Media, Inc.

COMPANY NAMES: *Positive Support Review Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372422 (DBMS Utilities)

INDUSTRY NAMES: BUSN (Any type of business); TELC (Telecommunications)

NAICS CODES: 51121 (Software Publishers)

TRADE NAMES: Zinnote 5.6 (Report generation software)

SPECIAL FEATURES: COMPANY

5/8/61 (Item 46 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05943095 Supplier Number: 53197284 (USE FORMAT 7 FOR FULLTEXT)
A World of Data Reporting.(Cognos, Seagate Software enhance respective Impromptu, Crystal Reports)(reporting tools)(Product Announcement)

Nov 9, 1998

Word Count: 564

PUBLISHER NAME: Ziff-Davis Publishing Company

COMPANY NAMES: *Cognos Corp.; Seagate Software Inc.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372422 (DBMS Utilities); 7372423 (Geographic Information Systems)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 51121 (Software Publishers)

TRADE NAMES: Crystal Reports 7.0 (Report generation software); Impromptu Web Reports 5.0 (Report generation software)

SPECIAL FEATURES: COMPANY

5/8/62 (Item 47 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05933118 Supplier Number: 53178174 (USE FORMAT 7 FOR FULLTEXT)
ARS Introduces the Integrated Solution in Care Management - ATLANTES(TM).

Nov 5, 1998

Word Count: 347

PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Advanced Research Systems Inc.

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

SPECIAL FEATURES: COMPANY

5/8/63 (Item 48 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05927208 Supplier Number: 53166193 (USE FORMAT 7 FOR FULLTEXT)
Visual Basic 6 .0 Adds Professional Capabilities.(Microsoft 's
application development software)(Evaluation)

Nov 4, 1998

Word Count: 921

PUBLISHER NAME: Boucher Communications, Inc.

COMPANY NAMES: Microsoft Corp.

EVENT NAMES: *350 (Product standards, safety, & recalls)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)

SPECIAL FEATURES: COMPANY

5/8/64 (Item 49 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05922196 Supplier Number: 53157450 (USE FORMAT 7 FOR FULLTEXT)
Microsoft creates Visual Studio 6.0 suite to integrate its apps with IBM,
Unix apps.(development tool)(Product Announcement)

Oct 26, 1998

Word Count: 308

PUBLISHER NAME: Washington Post Company

COMPANY NAMES: Microsoft Corp.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office
Automation); GOVT (Government and Law)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: MSFT

TRADE NAMES: Microsoft Visual Studio 6.0 (Application development
software)

SPECIAL FEATURES: COMPANY

5/8/65 (Item 50 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05879724 Supplier Number: 53059590 (USE FORMAT 7 FOR FULLTEXT)
Compaq Announces ALSTRA 4.0 - A Powerful Team-based Development Tool.

Oct 6, 1998

Word Count: 280

PUBLISHER NAME: Business Wire

COMPANY NAMES: *Compaq Computer Corp.; Mirus Data AB

EVENT NAMES: *380 (Strategic alliances)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372513 (Application Development Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: CPQ

SPECIAL FEATURES: COMPANY

5/8/66 (Item 51 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05794655 Supplier Number: 50285119 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Announces Worldwide Availability of Visual Studio 6.0 At Dev
Days '98
Sept 2, 1998
Word Count: 1433
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: Microsoft Corp.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372510 (Software Development Tools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/67 (Item 52 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05793355 Supplier Number: 50283819 (USE FORMAT 7 FOR FULLTEXT)
MKS Announces Support for Microsoft Visual Studio 6.0
Sept 3, 1998
Word Count: 943
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Mortice Kern Systems Inc.
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372510 (Software Development Tools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/68 (Item 53 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05792275 Supplier Number: 50282739 (USE FORMAT 7 FOR FULLTEXT)
Cayenne Software's ObjectTeam Supports Microsoft Visual Studio Release
6.0
Sept 2, 1998
Word Count: 646
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Cayenne Software Inc.
EVENT NAMES: *330 (Product information)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/69 (Item 54 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05790864 Supplier Number: 50280889 (USE FORMAT 7 FOR FULLTEXT)
Rational Announces Visual Test 6.0
Sept 2, 1998
Word Count: 1163
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: Rational Software Corp.; Microsoft Corp.
EVENT NAMES: *380 (Strategic alliances)
GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372540 (Desktop Utilities); 7372510 (Software Development Tools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/70 (Item 55 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05790495 Supplier Number: 50280520 (USE FORMAT 7 FOR FULLTEXT)
Learning Tree Announces Curriculum Upgrades for Microsoft Visual Studio 6.0.
Sept 2, 1998
Word Count: 629
PUBLISHER NAME: Business Wire
COMPANY NAMES: *Learning Tree International Inc.
EVENT NAMES: *366 (Services introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *8243000 (Data Processing Schools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 61142 (Computer Training)
SPECIAL FEATURES: LOB; COMPANY

5/8/71 (Item 56 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05790407 Supplier Number: 50280432 (USE FORMAT 7 FOR FULLTEXT)
SELECT Component Factory Supports Microsoft 's Visual Studio Release 6.0.
Sept 2, 1998
Word Count: 1001
PUBLISHER NAME: Business Wire
COMPANY NAMES: *SELECT Software Tools
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372416 (Manufacturing, Distribution & Retailing Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/72 (Item 57 from file: 16)
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05790325 Supplier Number: 50280350 (USE FORMAT 7 FOR FULLTEXT)
Relativity Technologies Announces Support For Microsoft Visual Studio 6.0.
Sept 2, 1998
Word Count: 672
PUBLISHER NAME: Business Wire
COMPANY NAMES: Relativity Technologies; Microsoft Corp.
EVENT NAMES: *380 (Strategic alliances)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372540 (Desktop Utilities); 7372510 (Software Development Tools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/73 (Item 58 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05786400 Supplier Number: 50276101 (USE FORMAT 7 FOR FULLTEXT)
Microsoft **Kick-Starts Developer Training Announces Visual Studio
Developer Training Month and Four New Mastering Series Titles**
August 31, 1998
Word Count: 993
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: **Microsoft Corp.**
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372470 (Educational & Training Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/74 (Item 59 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05777206 Supplier Number: 50265651 (USE FORMAT 7 FOR FULLTEXT)
Microsoft **Press Announces Comprehensive Line of Learning and Reference
Solutions for Microsoft Visual Studio 6.0**
August 26, 1998
Word Count: 2042
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: **Microsoft Corp.**
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372510 (Software Development Tools)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/75 (Item 60 from file: 16)

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05771715 Supplier Number: 50259815 (USE FORMAT 7 FOR FULLTEXT)
**Stingray Division of Rogue Wave Software Adds Visual Basic 6.0
Support To Objective Toolkit/X**
August 21, 1998
Word Count: 448
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Rogue Wave Software Inc.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372540 (Desktop Utilities)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/76 (Item 61 from file: 16)

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05740162 Supplier Number: 50220289 (USE FORMAT 7 FOR FULLTEXT)
**Compuware Announces NuMega DevPartner Studio 6, the Only Comprehensive
Suite Of SmartDebugging Tools for Microsoft Visual Studio 6**
August 3, 1998
Word Count: 991
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: *Compuware Corp.
EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372514 (Debugging & Testing Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/77 (Item 62 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05665390 Supplier Number: 50128053 (USE FORMAT 7 FOR FULLTEXT)
Microsoft Introduces Visual C++ 6.0
June 29, 1998
Word Count: 1295
PUBLISHER NAME: PR Newswire Association, Inc.
COMPANY NAMES: Microsoft Corp.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/78 (Item 63 from file: 16) ✓

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05663654 Supplier Number: 50124840 (USE FORMAT 7 FOR FULLTEXT)
Microsoft **Previews** Visual Basic 6.0
June 29, 1998
Word Count: 241
PUBLISHER NAME: CMP Publications, Inc.
COMPANY NAMES: Microsoft Corp.
EVENT NAMES: *336 (Product introduction)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *7372513 (Application Development Software)
INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY

5/8/79 (Item 64 from file: 16)

DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05641267 Supplier Number: 50086806 (USE FORMAT 7 FOR FULLTEXT)
Fawcette Technical Publications to Deliver Live Webcast of First Public
Microsoft Visual Basic 6.0 Demonstration; June 22nd Webcast is
part of VBITS'98 Conference Keynote.
June 16, 1998
Word Count: 378
PUBLISHER NAME: Business Wire
COMPANY NAMES: *Fawcette Technical Publications
EVENT NAMES: *240 (Marketing procedures)
GEOGRAPHIC NAMES: *1USA (United States)
PRODUCT NAMES: *2721390 (Professional Journals NEC)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
NAICS CODES: 51112 (Periodical Publishers)
SPECIAL FEATURES: COMPANY

5/8/80 (Item 1 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

25414560 (USE FORMAT 7 OR 9 FOR FULLTEXT)

O'REILLY: C# for the inexperienced; O'Reilly Releases "Learning C#"

October 10, 2002

WORD COUNT: 612

COMPANY NAMES: Microsoft Corp

COUNTRY NAMES/CODES: United States of America (US)

REGIONS: Americas; North America

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers)

5/8/81 (Item 2 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

25062167 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Pearson Education: Pearson Education announces more titles for 'Simple Guide' series from Prentice Hall

September 20, 2002

WORD COUNT: 720

COMPANY NAMES: Macromedia Inc; Pearson Education Ltd; Pearson PLC

DESCRIPTORS: Company News; Marketing; New Products & Services

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers)

5/8/82 (Item 3 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

17963631 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MICROSOFT : Microsoft and ArtinSoft announce strategic alliance to simplify upgrade to Visual Studio '.NET'; ArtinSoft to provide upgrade technology and consulting services to developers targeting Microsoft '.NET' platform

July 24, 2001

WORD COUNT: 769

COMPANY NAMES: Microsoft Corp; ArtinSoft SA

DESCRIPTORS: Company News; Joint Ventures; Strategy

COUNTRY NAMES/CODES: United Kingdom (GB) ; United States of America (US)

REGIONS: Europe; European Union; Western Europe; Americas; North America; Pacific Rim

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software); 7375 (Information Retrieval Services)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers); 514191 (On-Line Information Services)

5/8/83 (Item 4 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

13148989 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Olde Towne Consulting Announces New Product Designed for Managed Healthcare Government Program Compliance

October 04, 2000

WORD COUNT: 601

DESCRIPTORS: Government Policy; Government News; Health & Healthcare; General News; New Products & Services; Marketing; Company News

SIC CODES/DESCRIPTIONS: 8060 (Hospitals); 8062 (General Medical & Surgical Hospitals); 9431 (Administration of Public Health Programs)

NAICS CODES/DESCRIPTIONS: 622 (Hospitals); 62211 (General Medical & Surgical Hospitals); 92312 (Admin of Public Health Programs)

5/8/84 (Item 5 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

12329987 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CONTEMPORARY: APEX introduces new report generator True DBReports; A powerful, robust reporting tool that gives sophisticated reporting features to Visual Studio applications

August 07, 2000

WORD COUNT: 419

COMPANY NAMES: Microsoft Corp

DESCRIPTORS: Company News

COUNTRY NAMES/CODES: United States of America (US)

REGIONS: Americas; North America; Pacific Rim

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers)

5/8/85 (Item 6 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

11557568 (USE FORMAT 7 OR 9 FOR FULLTEXT)

VIDEOSOFT: VideoSoft releases VSVIEW 7.0 with RTF and HTML export; New release of award-winning printer engine replacement for visual basic also includes document download from URLs, expanded table support, enhanced document navigation

June 19, 2000

WORD COUNT: 630

DESCRIPTORS: New Products & Services; Marketing; Company News

COUNTRY NAMES/CODES: United States of America (US)

REGIONS: Americas; North America; Pacific Rim

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers)

5/8/86 (Item 7 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

09744123 (USE FORMAT 7 OR 9 FOR FULLTEXT)

STFB Inc. Releases Customizable Accounting System For Developers & Consultants

February 25, 2000

WORD COUNT: 293

COMPANY NAMES: Microsoft Corp

DESCRIPTORS: Company News

SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

NAICS CODES/DESCRIPTIONS: 51121 (Software Publishers)

5/8/87 (Item 8 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

08258620 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Gemplus Announces GemShield, the First Windows-Powered Smart Card; Major Pilot Projects and Solutions to Take Advantage of Next-Generation Smart Card Technology

November 16, 1999

WORD COUNT: 1066

COMPANY NAMES: MeritaNordbanken PLC; BRED Banque Populaire

DESCRIPTORS: Joint Ventures; Strategy; Company News; New Products & Services; Marketing
COUNTRY NAMES/CODES: France (FR)
REGIONS: Europe; European Union; Mediterranean; Western Europe

5/8/88 (Item 9 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

05641995 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Vadem and Odyssey Software Announce Developer's Toolkit Using Sierra Wireless WAN Technology and GoAmerica's Nationwide Wireless Data Service
June 07, 1999

WORD COUNT: 1293

DESCRIPTORS: New Products & Services; Marketing; Company News
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 7372 (Prepackaged Software)

5/8/89 (Item 10 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

05464771

MICROSOFT : Microsoft announces availability of MSDE for developers using Visual Studio

May 25, 1999

WORD COUNT: 114

COMPANY NAMES: Microsoft Corp

DESCRIPTORS: Trade Fairs & Exhibitions; Marketing; Company News; Research & Development; New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 7372 (Prepackaged Software)

5/8/90 (Item 11 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

05050873 (USE FORMAT 7 OR 9 FOR FULLTEXT)

INFORMIX: Informix announces latest update of data director with support of Microsoft Visual Basic 6.0

April 21, 1999

WORD COUNT: 257

COMPANY NAMES: Informix Corp; Microsoft Corp

DESCRIPTORS: Marketing; Company News; New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/91 (Item 12 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

05008259 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Informix Announces Latest Update of Data Director With Support of Microsoft Visual Basic 6.0; Data Director for Visual Basic 3.6 Includes Internationalization

April 19, 1999

WORD COUNT: 486

DESCRIPTORS: New Products & Services; Marketing; Company News
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
PROVINCE/STATE: California
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/92 (Item 13 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

04728953 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Segue Software Announces Release of **SilkTest 5.0 - Industry's Premier E-Business Functional Testing Product**

March 23, 1999

WORD COUNT: 1914

COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
PROVINCE/STATE: Massachusetts
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/93 (Item 14 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

04619479 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MICROSOFT : Microsoft announces availability of "desktop applications for Microsoft Visual Basic

March 12, 1999

WORD COUNT: 662

COMPANY NAMES: **Microsoft** Corp
DESCRIPTORS: Patents Licensing & Standards; Company News; New Products & Services; Marketing
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 7372 (Prepackaged Software)

5/8/94 (Item 15 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

04491003 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CONTEMPORARY PLC: Contemporary announces the availability of **Sax Comm Objects 6.0**

March 01, 1999

WORD COUNT: 419

COMPANY NAMES: **Microsoft** Corp
DESCRIPTORS: New Products & Services; Marketing; Company News
COUNTRY NAMES/CODES: United Kingdom (GB)
REGIONS: Europe; European Union; Western Europe
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/95 (Item 16 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

03478709 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MICROSOFT : Microsoft announces new certification to meet demand for skilled database administrators

November 17, 1998
WORD COUNT: 886

COMPANY NAMES: Microsoft Corp
DESCRIPTORS: New Products & Services; Marketing; Company News
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/96 (Item 17 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

03464994 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PC Magazine Announces 1998 Technical Excellence Award Winners
November 17, 1998
WORD COUNT: 1967

COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
PROVINCE/STATE: New York
SIC CODES/DESCRIPTIONS: 7375 (Information Retrieval Services); 2700
(Printing & Publishing)

5/8/97 (Item 18 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02843189
INTERSOLV DataDirect Introduces Industry's First Computer-Based Training
Microsoft Universal Data Access
September 17, 1998
WORD COUNT: 580

DESCRIPTORS: New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
PROVINCE/STATE: Maryland
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/98 (Item 19 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02734980 (USE FORMAT 7 OR 9 FOR FULLTEXT)
MICROSOFT : Microsoft announces worldwide availability of Visual
Studio 6.0
September 07, 1998
WORD COUNT: 696

COMPANY NAMES: Microsoft Corp
DESCRIPTORS: Trade Fairs & Exhibitions; New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software); 3571 (Electronic
Computers)

5/8/99 (Item 20 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02693446 (USE FORMAT 7 OR 9 FOR FULLTEXT)
OBJECT DESIGN: Object Design announces support for Microsoft Visual

Studio 6.0

September 03, 1998
WORD COUNT: 688

COMPANY NAMES: Microsoft Corp; OBJECT DESIGN INC
DESCRIPTORS: Service & Product Use
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/100 (Item 21 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02680999 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CONTEMPORARY SOFTWARE: VideoSoft announces new grid control, VSFlexGrid Pro 6.0

September 02, 1998
WORD COUNT: 580

DESCRIPTORS: New Products & Services; Marketing
COUNTRY NAMES/CODES: United Kingdom (GB)
REGIONS: Europe; European Union; Western Europe
SIC CODES/DESCRIPTIONS: 5734 (Computer & Software Stores)

5/8/101 (Item 22 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02665631 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MICROSOFT : Visual Studio Developer training month announced and four new Mastering Series titles

September 01, 1998
WORD COUNT: 897

COMPANY NAMES: Microsoft Corp
DESCRIPTORS: New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/102 (Item 23 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02637001 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MICROSOFT : Microsoft Press announces line of learning/reference solutions for Visual Studio 6.0

August 27, 1998
WORD COUNT: 1867

COMPANY NAMES: Microsoft Corp
DESCRIPTORS: New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America; Pacific Rim
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/103 (Item 24 from file: 20)

DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02115277 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CONTEMPORARY SOFTWARE: VideoSoft components to support Visual Basic 6.0

July 03, 1998
WORD COUNT: 539

DESCRIPTORS: New Products & Services
COUNTRY NAMES/CODES: United Kingdom (GB)
REGIONS: European Union; Western Europe; Europe
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/104 (Item 25 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

02062783 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SEAGATE SOFTWARE: Seagate Software announces support for Microsoft
Visual Basic 6 .0
June 19, 1998
WORD COUNT: 667

DESCRIPTORS: Technological Developments; New Products & Services
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: Americas; North America
SIC CODES/DESCRIPTIONS: 3571 (Electronic Computers); 7375 (Information
Retrieval Services); 5734 (Computer & Software Stores); 7372 (Prepackaged Software)

5/8/105 (Item 26 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

01933096 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Seagate Software Announces Support for Microsoft Visual Basic
June 15, 1998
WORD COUNT: 730

COMPANY NAMES: Seagate Technology
DESCRIPTORS: Equities Market
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: North America; Pacific Rim
PROVINCE/STATE: California
SIC CODES/DESCRIPTIONS: 3577 (Computer Peripheral Equipment); 3570 (Computer & Office Equipment)

5/8/106 (Item 27 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

01928012 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Compuware Award-Winning Product to Support Microsoft Visual Basic 6
.0
June 15, 1998
WORD COUNT: 857

COMPANY NAMES: Compuware Corporation
DESCRIPTORS: Equities Market
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: North America
PROVINCE/STATE: Michigan
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/107 (Item 28 from file: 20)
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

01927824 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Microsoft Introduces Visual Basic 6.0
June 15, 1998
WORD COUNT: 1205

COMPANY NAMES: Microsoft Corporation
DESCRIPTORS: New Products & Services; Equities Market
COUNTRY NAMES/CODES: United States of America (US)
REGIONS: North America; Pacific Rim
PROVINCE/STATE: Washington
SIC CODES/DESCRIPTIONS: 7372 (Prepackaged Software)

5/8/108 (Item 1 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

06373556 SUPPLIER NUMBER: 89641525 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tools Ease Big-Project Pain. (Rational Software's Rational XDE Professional 2002, TogetherSoft's Together ControlCenter 6.0) (Product Announcement)
April 15, 2002
WORD COUNT: 1661 LINE COUNT: 00138

COMPANY NAMES: Rational Software Corp.--Products; TogetherSoft L.L.C.--Products
DESCRIPTORS: Program development software--Evaluation
GEOGRAPHIC CODES/NAMES: 1USA United States
EVENT CODES/NAMES: 350 Product standards, safety, & recalls
PRODUCT/INDUSTRY NAMES: 7372511 (CASE Software); 7372510 (Software Development Tools); 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
NAICS CODES: 51121 Software Publishers
TICKER SYMBOLS: RATL
TRADE NAMES: Together Control Center 6.0 (Application development software)--Evaluation; Rational XDE Professional 2002 (CASE software)--Evaluation
FILE SEGMENT: CD File 275

5/8/109 (Item 2 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

05231519 SUPPLIER NUMBER: 21156920 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Basic Grows Up. (version 6.0 of Microsoft's application development software) (Product Announcement)
Oct 6, 1998
WORD COUNT: 4572 LINE COUNT: 00345

COMPANY NAMES: Microsoft Corp.--Product introduction
DESCRIPTORS: Computer software industry--Product introduction; Program development software--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual C++ 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/110 (Item 3 from file: 47)
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

05211796 SUPPLIER NUMBER: 21050111 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Drag-and-Drop Custom Apps. (Microsoft Visual Basic 6.0 application development software) (Software Review) (Evaluation)
Sep, 1998

WORD COUNT: 686 LINE COUNT: 00055

COMPANY NAMES: Microsoft Corp.--Products
DESCRIPTORS: Program development software--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)--Evaluation
FILE SEGMENT: CD File 275

5/8/111 (Item 4 from file: 47)

DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

05169724 SUPPLIER NUMBER: 20846775 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Distributed Tool Time: Visual Basic, Delphi upgrades focus on easing Web, multitier development.(Product Announcement)
June 22, 1998

WORD COUNT: 641 LINE COUNT: 00055

COMPANY NAMES: Microsoft Corp.--Product introduction; Inprise Corp.--Product introduction
DESCRIPTORS: Computer software industry--Product introduction; Program development software--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)--Product introduction; Inprise Delphi 4.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/112 (Item 5 from file: 47)

DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

05168692 SUPPLIER NUMBER: 20841686 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Delphi 4 and VB6 Take Aim.(Microsoft Corp's Visual Basic 6 .0 and Inprise Corp's Borland Delphi 4.0) (Software Review)(Evaluation)
June 15, 1998

WORD COUNT: 679 LINE COUNT: 00061

COMPANY NAMES: Microsoft Corp.--Products; Inprise Corp--Products
DESCRIPTORS: Program development software--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development software)--Evaluation; Borland Delphi 4.0 (Application development software)--Evaluation
FILE SEGMENT: CD File 275

5/8/113 (Item 1 from file: 88)

04830802 SUPPLIER NUMBER: 20890307

Trust your Basic instinct. (Microsoft Visual Basic 6 .0 application development software)(Evaluation)
July 2, 1998

5/8/114 (Item 1 from file: 112)

DIALOG(R)File 112:(c) 2004 United Business Media. All rts. reserv.

01285099 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Graphical add-in for Visual Basic 6.0
December 04, 2000
WORD COUNT: 00000129
SPECIAL FEATURES: Table
SIC CODES/DESCRIPTORS:
7372 (Prepackaged Software) - Product information
COMPANY NAMES: Adept Scientific
TRADE/BRAND NAMES: SoftWire 2 software
COUNTRY: United Kingdom
REGION: EC

5/8/115 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

14912411 SUPPLIER NUMBER: 90802238 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ModularIS Releases C# Version of ModularIS Enterprise Framework.
August 27, 2002
WORD COUNT: 679 LINE COUNT: 00063

COMPANY NAMES: Microsoft Corp.
INDUSTRY CODES/NAMES: BUS Business, General; BUSN Any type of business
DESCRIPTORS: Computer software industry
TICKER SYMBOLS: MSFT (NASDAQ); MSFT P (NASDAQ)
FILE SEGMENT: NW File 649

5/8/116 (Item 2 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

13496500 SUPPLIER NUMBER: 75212610 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Industrial Imaging and Machine Vision Software.(Product Announcement)
May, 2001
WORD COUNT: 3132 LINE COUNT: 00273

COMPANY NAMES: Able Software Inc.--Product introduction; Adept Technology Inc.--Product introduction; Carl Zeiss Inc.--Product introduction; Data Translation Inc.--Product introduction; EPIX Inc.--Product introduction; Euresys--Product introduction; Industrial Vision Systems Ltd.--Product introduction; OS GmbH--Product introduction; Imaging Research Inc.--Product introduction; Inventions Ltd.--Product introduction; i2S Line Scan Div.--Product introduction; KAPPA--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation; ELEC Electronics
DESCRIPTORS: Image processing--Product introduction; Machine vision--Product introduction; Computer software industry--Product introduction; Industrial equipment and supplies industry--Product introduction; Optical instruments industry--Product introduction; Computer peripherals industry--Product introduction
GEOGRAPHIC CODES/NAMES: 1USA United States; 4EUBL Belgium; 4EUUK United Kingdom; 4EUGE Germany; 1CANA Canada; 4EUFR France
PRODUCT/INDUSTRY NAMES: 7372000 (Computer Software); 3559000 (Special Industry Eqp NEC); 3832500 (Optical Instruments & Lenses); 3573200 (Computer Peripherals)
SIC CODES: 7372 Prepackaged software; 3559 Special industry machinery, not elsewhere classified; 3827 Optical instruments and lenses; 3577 Computer peripheral equipment, not elsewhere classified
NAICS CODES: 51121 Software Publishers; 333298 All Other Industrial Machinery Manufacturing; 333314 Optical Instrument and Lens Manufacturing; 33411 Computer and Peripheral Equipment Manufacturing
TICKER SYMBOLS: ADTK; DATX
TRADE NAMES: Able Software 3D-Doctor (Scientific software)--Product

introduction; Adept HexSight 3.0 (Scientific software)--Product
introduction; Carl Zeiss AxioVision (Scientific software)--Product
introduction; Carl Zeiss AxioVision Autofocus (Scientific software)--
Product introduction; Data Translation Vision Foundry 2.5 (Scientific
software)--Product introduction; Data Translation Global Lab Image/2 3.0
(Scientific software)--Product introduction; EPIX XCAP (Scientific
software)--Product introduction; Euresys eVision (Scientific software)--
Product introduction; NeuroCheck 5.0 Rev3001 (Scientific software)--
Product introduction; Imaging Research ArrayVision 6.0 (Scientific
software)--Product introduction; Inventions Print Inspection (Scientific
software)--Product introduction; i2S Parallelix (Scientific software)--
Product introduction; KAPPA Xero (Scientific software)--Product
introduction

FILE SEGMENT: TI File 148

5/8/117 (Item 3 from file: 148)

DIALOG(R) File 148: (c) 2004 The Gale Group. All rts. reserv.

13117371 SUPPLIER NUMBER: 70462642 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Palm plugs into ISVs. (Product Announcement)

Jan 5, 2001

WORD COUNT: 621 LINE COUNT: 00054

COMPANY NAMES: Palm Computing Inc.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Computer software industry--Product introduction; Operating
systems--Product introduction
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT/INDUSTRY NAMES: 7372502 (Operating Systems)
SIC CODES: 7372 Prepackaged software
NAICS CODES: 51121 Software Publishers
TRADE NAMES: Palm OS 4.0 (Operating system)--Product introduction
FILE SEGMENT: TI File 148

5/8/118 (Item 4 from file: 148)

DIALOG(R) File 148: (c) 2004 The Gale Group. All rts. reserv.

11889259 SUPPLIER NUMBER: 60376196 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Tool mixes graphical, syntactical programming in Visual
Basic. (ComputerBoards' SoftWire) (Product Announcement)**

Feb 17, 2000

WORD COUNT: 289 LINE COUNT: 00029

COMPANY NAMES: ComputerBoards Inc.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; ELEC Electronics
DESCRIPTORS: Computer software industry--Product introduction; Data entry
--Computer programs
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT/INDUSTRY NAMES: 7372522 (Data Acquisition Software)
EVENT CODES/NAMES: 336 Product introduction
SIC CODES: 7372 Prepackaged software
NAICS CODES: 51121 Software Publishers
TRADE NAMES: SoftWire (Data acquisition software)--Product introduction
FILE SEGMENT: TI File 148

5/8/119 (Item 5 from file: 148)

DIALOG(R) File 148: (c) 2004 The Gale Group. All rts. reserv.

11863455 SUPPLIER NUMBER: 60071096 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Visual Basic Generation Gap -- Developers Must Wait For A New Release

To Take Advantage Of All Windows 2000 Has To Offer.

March 13, 2000

WORD COUNT: 1929 LINE COUNT: 00161

INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation; TELC Telecommunications
FILE SEGMENT: CD File 275

5/8/120 (Item 6 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

11581201 SUPPLIER NUMBER: 20840627 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Developers Have Help For Leap From Desktop To Web.(Microsoft 's Visual
Basic 6 .0 and Inprise's Delphi 5 rapid application development
software)(Product Announcement)

June 22, 1998

WORD COUNT: 557 LINE COUNT: 00049

SPECIAL FEATURES: illustration; table
COMPANY NAMES: Microsoft Corp.--Product introduction; INPRISE Corp.--
Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; TELC
Telecommunications
DESCRIPTORS: Computer software industry--Product introduction; Program
development software--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
NAICS CODES: 51121 Software Publishers
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)--Product introduction; Inprise Delphi 4.0 (Application
development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/121 (Item 7 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10636616 SUPPLIER NUMBER: 20815212 (USE FORMAT 7 OR 9 FOR FULL TEXT)
RoboHELP Office Speeds Up Visual Basic 6 .0 Development

June 16, 1998

WORD COUNT: 680 LINE COUNT: 00061

COMPANY NAMES: Blue Sky Software Corp.--Product introduction
INDUSTRY CODES/NAMES: BUS Business, General; BUSN Any type of
business
DESCRIPTORS: Computer software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372487 (Computer Game Software)
SIC CODES: 7372 Prepackaged software
FILE SEGMENT: NW File 649

5/8/122 (Item 8 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10636084 SUPPLIER NUMBER: 20800519 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MICROSOFT VISUAL BASIC 6 .0 DUE OUT IN SEPTEMBER.

June 17, 1998

WORD COUNT: 149 LINE COUNT: 00015

INDUSTRY CODES/NAMES: CMPT Computers and Office Automation; INTL
Business, International
FILE SEGMENT: CD File 275

5/8/123 (Item 9 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10531037 SUPPLIER NUMBER: 21211054 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft FrontPage 2000 to handle DHTML and CSS2.(Web authoring
software)(Product Announcement)
Oct. 12, 1998
WORD COUNT: 412 LINE COUNT: 00035

COMPANY NAMES: Microsoft Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: World Wide Web--Computer programs; Computer software
industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372682 (Internet Server Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft FrontPage 2000 (Web authoring software)--Product
introduction
FILE SEGMENT: CD File 275

5/8/124 (Item 10 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10477994 SUPPLIER NUMBER: 21155674 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Basic almost a 'vision'.(Microsoft Visual Basic 6.0
application development software) (Software Review)(Evaluation)
Sept 21, 1998
WORD COUNT: 592 LINE COUNT: 00052

COMPANY NAMES: Microsoft Corp.--Products
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Evaluation; Computer software
industry--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)--Evaluation
FILE SEGMENT: CD File 275

5/8/125 (Item 11 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10477895 SUPPLIER NUMBER: 21155575 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Product Review.(Microsoft Visual Basic 6.0 application development
software) (Software Review)(Evaluation)(Brief Article)
Sept 21, 1998
WORD COUNT: 57 LINE COUNT: 00008

COMPANY NAMES: Microsoft Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Visual Basic 6.0 (Application development
software)--Evaluation

FILE SEGMENT: CD File 275

5/8/126 (Item 12 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10455542 SUPPLIER NUMBER: 21121147 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Gates sees 1999 as key year for enterprise.(will ship Windows NT 5.0,
Office 2000, Component Object Model Plus)(Product Announcement)**
Sept 7, 1998
WORD COUNT: 409 LINE COUNT: 00035

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Computer software industry--Product introduction; Network
operating systems--Product introduction; Integrated software--Product
introduction
PRODUCT/INDUSTRY NAMES: 7372405 (Integrated Software); 7372610 (Network
Operating Systems & Utilities)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Windows NT Server 5.0 (Network operating system)
--Product introduction; **Microsoft** Office 2000 (Business application
suite)--Product introduction
FILE SEGMENT: CD File 275

5/8/127 (Item 13 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10455238 SUPPLIER NUMBER: 21120634 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Radical Updates -- The Newest Versions Of Inprise's Delphi And Microsoft
's Visual Basic Offer Significantly More Functions, But Delphi Is The
Product To Beat For Flexibility.(Inprise's Borland Delphi 4.0 and
Microsoft Visual Basic 6 .0) (Software Review)(Evaluation)**
Sept 7, 1998
WORD COUNT: 2433 LINE COUNT: 00196

COMPANY NAMES: Borland International Inc.--Products; **Microsoft** Corp.--
Products; Inprise Corp.--Products
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation; TELC Telecommunications
DESCRIPTORS: Program development software--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: BORL; MSFT
TRADE NAMES: Borland Delphi 4.0 (Application development software)--
Evaluation; **Microsoft** Visual Basic 6.0 (Application development
software)--Evaluation
FILE SEGMENT: CD File 275

5/8/128 (Item 14 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10454898 SUPPLIER NUMBER: 21114975 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Programming Languages: The race is on.(Microsoft Visual Basic 6 .0
development software) (Company Business and Marketing)**
Sept 7, 1998
WORD COUNT: 1518 LINE COUNT: 00127

COMPANY NAMES: **Microsoft** Corp.--Products
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and

Office Automation
DESCRIPTORS: Program development software--Market share; Computer
software industry--Products
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Market share
FILE SEGMENT: CD File 275

5/8/129 (Item 15 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10407832 SUPPLIER NUMBER: 21035205 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Studio opens window onto the Web.(Microsoft Visual Studio
6.0)(Product Announcement)
August 17, 1998
WORD COUNT: 567 LINE COUNT: 00047

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Studio 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

5/8/130 (Item 16 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10338172 SUPPLIER NUMBER: 20941548 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Basic hits the 'net.'(Microsoft 's Visual Basic 6.0
development software)(Product Announcement)
June 29, 1998
WORD COUNT: 558 LINE COUNT: 00047

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

5/8/131 (Item 17 from file: 148)
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10328643 SUPPLIER NUMBER: 20922205 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Basic 6.0 previewed.(Microsoft application development
tool)(Product Announcement)
June 15, 1998
WORD COUNT: 126 LINE COUNT: 00013

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual C++ 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/132 (Item 18 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10326230 SUPPLIER NUMBER: 20918167 (USE FORMAT 7 OR 9 FOR FULL TEXT)
VB 6.0 Does The Web.(Microsoft Visual Basic 6 .0) (Software Review) (Evaluation)
July 13, 1998
WORD COUNT: 1122 LINE COUNT: 00091

COMPANY NAMES: **Microsoft** Corp.--Products
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation; TELC Telecommunications
DESCRIPTORS: Program development software--Evaluation
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development software)--Evaluation
FILE SEGMENT: CD File 275

5/8/133 (Item 19 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10305538 SUPPLIER NUMBER: 20880701 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft To Preview Upgraded Visual C++.(Microsoft Visual C++ 6.0 development software) (Product Announcement)
June 29, 1998
WORD COUNT: 165 LINE COUNT: 00017

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation; TELC Telecommunications
DESCRIPTORS: Program development software--Product introduction; Computer software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual C++ 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/134 (Item 20 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10271349 SUPPLIER NUMBER: 20820267 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Basic Upgrade Set -- Version 6.0 will feature easier data access and application deployment.(Microsoft 's application development software) (Product Announcement)
June 15, 1998

WORD COUNT: 345 LINE COUNT: 00030

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation; TELC Telecommunications
DESCRIPTORS: Computer software industry--Product introduction; Program
development software--Product introduction; BASIC--Computer programs
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

5/8/135 (Item 21 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10271248 SUPPLIER NUMBER: 20820166 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Inprise upgrades Delphi. (Inprise Delphi 4.0 RAD software) (Product
Announcement)
June 15, 1998
WORD COUNT: 388 LINE COUNT: 00035

COMPANY NAMES: Borland International Inc.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: BORL
TRADE NAMES: Inprise Delphi 4.0 (Application development software)--
Product introduction
FILE SEGMENT: CD File 275

5/8/136 (Item 22 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10271246 SUPPLIER NUMBER: 20820164 (USE FORMAT 7 OR 9 FOR FULL TEXT)
VB to support more databases. (Visual Basic 6 .0) (Product Announcement
)
June 15, 1998
WORD COUNT: 438 LINE COUNT: 00039

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and
Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer
software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

5/8/137 (Item 23 from file: 148)

DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

10262704 SUPPLIER NUMBER: 20803319 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft finishes up Visual Studio 6.0. (Product Announcement)

June 8, 1998

WORD COUNT: 420 LINE COUNT: 00038

SPECIAL FEATURES: other; illustration
COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation
DESCRIPTORS: Computer software industry--Product introduction; Program development software--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Studio 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/138 (Item 24 from file: 148)

DIALOG(R) File 148:(c)2004 The Gale Group. All rts. reserv.

10262271 SUPPLIER NUMBER: 20802473 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Latest Visual Basic To Debut.(Microsoft 's Visual Basic 6 .0 application development software)(Product Announcement)

June 15, 1998

WORD COUNT: 39 LINE COUNT: 00006

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation
DESCRIPTORS: Program development software--Product introduction; Computer software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/139 (Item 25 from file: 148)

DIALOG(R) File 148:(c)2004 The Gale Group. All rts. reserv.

10254879 SUPPLIER NUMBER: 20789294 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Studio 6.0 Binds Microsoft 's DNA -- Development tools suite is at the heart of enterprise-level strategy.(Product Announcement)

June 8, 1998

WORD COUNT: 1466 LINE COUNT: 00121

COMPANY NAMES: **Microsoft** Corp.--Product introduction
INDUSTRY CODES/NAMES: BUSN Any type of business; CMPT Computers and Office Automation; TELC Telecommunications
DESCRIPTORS: Program development software--Product introduction; Computer software industry--Product introduction
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Studio 6.0 (Application development software)--Product introduction
FILE SEGMENT: CD File 275

5/8/140 (Item 1 from file: 275)

DIALOG(R) File 275:(c) 2004 The Gale Group. All rts. reserv.

02522337 SUPPLIER NUMBER: 76435448
Vista's VB Control Grounds Microsoft 's Jet. (Brief Article) (Product
Announcement)
May 7, 2001

COMPANY NAMES: Vista Software Services Inc.--Product introduction
DESCRIPTORS: DBMS utility; Networking software product introduction
TRADE NAMES: Apollo Data Control for Visual Basic 6.0 (DBMS utility)--
Product introduction

5/8/141 (Item 2 from file: 275)
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

02369322 SUPPLIER NUMBER: 59220426 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Visual Installer; Jon Perkins explores the Visual Studio 6.0 Plus Pack. Jon
Perkins is a freelance Visual Basic developer and a Microsoft Certified
Solution Developer. He is a contributing author of Advanced Microsoft
Visual Basic 6.0 by The Mandelbrot Set, published by Microsoft
Press. Contact him at www.jonperkins.com. (Software Review) (Evaluation)
Jan 1, 2000
WORD COUNT: 2067 LINE COUNT: 00161

COMPANY NAMES: Microsoft Corp.--Products
GEOGRAPHIC CODES/NAMES: 1USA United States
DESCRIPTORS: Application development software; Software single product
review
PRODUCT/INDUSTRY NAMES: 7372540 (Desktop Utilities); 7372513 (Application
Development Software)
NAICS CODES: 51121 Software Publishers
TRADE NAMES: Microsoft Visual Studio 6.0 Plus Pack (Application
development software)--Evaluation

5/8/142 (Item 3 from file: 275)
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

02338045 SUPPLIER NUMBER: 56000413 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Administering SQL Server with Visual; Jon Perkins is a freelance Visual
Basic developer and a Microsoft Certified Solution Developer. He is a
contributing author of Advanced Microsoft Visual Basic 6.0 by The
Mandelbrot Set, published by Microsoft Press. The example SQL-DMO
program is called DmoDemo.zip and is available from EXE Online or from
<http://www.jonperkins.com/exe/coll1099.htm>. (SQL Server 7.0, Microsoft 's
Visual Studio 6.0 Enterprise Edition application development
software) (Product Support)
Oct 1, 1999
WORD COUNT: 1611 LINE COUNT: 00137

COMPANY NAMES: Microsoft Corp.--Products
DESCRIPTORS: Application development software; DBMS; Product tutorial
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software);
7372421 (DBMS)
NAICS CODES: 51121 Software Publishers
TRADE NAMES: Microsoft Visual Studio 6.0 Enterprise Edition
(Application development software)--Programming; Microsoft SQL Server
7.0 (DBMS)--Programming

5/8/143 (Item 4 from file: 275)
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

02274466 SUPPLIER NUMBER: 53980311 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Harness the power of Visual Basic 6.0 in your e-business

efforts.(Product Support)(Tutorial)
March, 1999
WORD COUNT: 2295 LINE COUNT: 00188

COMPANY NAMES: **Microsoft** Corp.--Products
DESCRIPTORS: Application development software; Product tutorial;
Electronic commerce software
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software);
7372640 (Electronic Commerce Software)
SIC CODES: 7372 Prepackaged software
NAICS CODES: 51121 Software Publishers
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Usage
FILE SEGMENT: CD File 275

5/8/144 (Item 5 from file: 275)
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

02224003 SUPPLIER NUMBER: 21178316 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Philippines - Visual Basic 6 .0 Targets Business 09/22/98.
Sept 22, 1998
WORD COUNT: 404 LINE COUNT: 00038

FILE SEGMENT: NW File 649

5/8/145 (Item 6 from file: 275)
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

02205972 SUPPLIER NUMBER: 20992612
Visual Basic 6 To Improve Web Features.(Microsoft)(Product
Announcement)
June 15, 1998

COMPANY NAMES: **Microsoft** Corp.--Product introduction
DESCRIPTORS: Software Product Introduction; Application Development
Software
PRODUCT/INDUSTRY NAMES: 7372513 (Application Development Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: **Microsoft** Visual Basic 6.0 (Application development
software)--Product introduction
FILE SEGMENT: CD File 275

5/8/146 (Item 1 from file: 426)
10146299
Introduction to computer programming with Visual Basic 6 ; a
problem-solving approach / Alka R. Harriger ... [et al

5/8/147 (Item 2 from file: 426)
9854870
Introduction to programming using Visual Basic 6 .0; an
integrated visual/procedural approach / Gary Bronson

5/8/148 (Item 3 from file: 426)
9616455
Microsoft Visual Basic 6 .0; introduction to programming /
Michael Sprague, Amelia Phillips, Dorothy L. Nield

5/8/149 (Item 4 from file: 426)
9216636

Introduction to Visual Basic 6.0 /; David I. Schneider

5/8/150 (Item 5 from file: 426)
8524807

An introduction to programming using Visual Basic 6.0 / David I. Schneider

5/8/151 (Item 1 from file: 430)
02410491

TITLE: Visual Basic 6 Bible
PUBLICATION DATE: 1998

5/8/152 (Item 2 from file: 430)
02140584

TITLE: Beginning Visual Basic 6 Application Development
PUBLICATION DATE: 2000

5/8/153 (Item 3 from file: 430)
01536353

TITLE: Programming with Microsoft Visual Basic 6.0; An Object-oriented Approach
PUBLICATION DATE: 1999

5/8/154 (Item 4 from file: 430)
01342426

TITLE: Microsoft Visual Basic 6.0; Introduction to Programming
PUBLICATION DATE: 1999

5/8/155 (Item 5 from file: 430)
01340348

TITLE: Programming with Visual Basic 6
PUBLICATION DATE: 1999

5/8/156 (Item 6 from file: 430)
01068819

TITLE: Introduction to Programming with Visual Basic 6.0
PUBLICATION DATE: 1999

5/8/158 (Item 1 from file: 613)
DIALOG(R) File 613:(c) 2004 PR Newswire Association Inc. All rts. reserv.

00691391 20011217NEM022 (USE FORMAT 7 FOR FULLTEXT)
Books24x7 Announces Book Nominations for Referenceware
Monday, December 17, 2001 09:15 EST
WORD COUNT: 1,236

COMPANY NAMES: Books24x7; Waterside Productions; SkillSoft Corporation;
HEWLETT PACKARD CO; HEWLETT PACKARD CO INC; SKILLSOFT SA; WATERSIDE
PRODUCTIONS INC; WILEY AND SONS INC; MCGRAW HILL COS INC; MCGRAW HILL
COMPANIES INC; ENTERPRISE COMPUTING INC; SYBEX INC; OPERATING SYSTEMS INC
; OPERATING SYSTEMS LTD; JOHN WILEY AND SONS LTD; JOHN WILEY AND SONS INC
; JONES AND BARTLETT PUBLISHERS; JONES AND BARTLETT PUBLISHERS INC;
LOCKHEED MARTIN CORP; BANK OF AMERICA CORP; BANKAMERICA CORP; APOLLO

ASSOCIATES

GEOGRAPHIC NAMES: AMERICAS; NORTH AMERICA; USA

INDUSTRY NAMES: CORPORATE; MERGERS AND ACQUISITIONS; COMMUNICATIONS;
PUBLISHING; BOOKS; BUILDING; COMPUTER LANGUAGES; COMPUTER SECURITY;
COMPUTER SOFTWARE; COMPUTERS; DATABASE SOFTWARE; DATABASES; INFORMATION
MANAGEMENT; INTERNET; NETWORKS; SECURITY

EVENT NAMES: CORPORATE GROUPS AND OWNERSHIP; MERGERS AND ACQUISITIONS;
MANAGEMENT PROCEDURES; PATENTS AND TRADEMARKS; PRODUCTIVITY; RESEARCH AND
DEVELOPMENT; STRATEGY AND PLANNING; TECHNOLOGY DEVELOPMENT